

DIABETES

LITERATURE INDEX

NATIONAL INSTITUTE OF ARTHRITIS, METABOLISM, AND DIGESTIVE DISEASES

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DIABETES LITERATURE INDEX

(By Authors, Hierarchy, and by Keywords in the Title)

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Order of Arrangement

Arrangement of hierarchy
MEDLARS terms included in hierarchy
Hierarchical Subject Index
Keyword Index
Author Index

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PREFACE

Diabetes Literature Index is a publication of the National Institute of Arthritis, Metabolism, and Digestive Diseases which has been prepared from MEDLARS (Medical Literature Analysis and Retrieval System) tapes furnished by the National Library of Medicine. This specialized information medium is being published to fill an existing great need in the field of diabetes and to assist the Institute in meeting its obligations to foster and support laboratory and clinical research into the nature, causes, and therapy for diabetes. Publication of *Diabetes Literature Index* makes available an index of all current scientific papers relevant to this field from the world literature.

It is hoped that the issuing of *Diabetes Literature Index* under the auspices of the National Institute of Arthritis, Metabolism, and Digestive Diseases will provide a much needed current awareness tool to scientists and will facilitate greater integration of research and clinical efforts in this field. *Diabetes Literature Index* has been published monthly since January 1966 and is cumulated at the end of each calendar year.

This publication is available free to National Institutes of Health grantees and contractors working in the field of diabetes, and libraries of medical schools. Requests from these *qualified* individuals to receive free copies of this publication must include their grant or contract number and the title of their project. These requests as well as address changes and other communications from these qualified recipients of free copies should be addressed to:

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Diabetes Literature Index
National Institute of Arthritis,
Metabolism, and Digestive Diseases
Building 31, Room 9A-03
Bethesda, Maryland 20014

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The Secretary of the Department of Health, Education, and Welfare has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through April 30, 1975.

EDITORIAL NOTE

Diabetes Literature Index, a publication of the National Institute of Arthritis, Metabolism, and Digestive Diseases (NIAMDD), was brought about through the cooperative efforts of two divisions of the National Institutes of Health (NIAMDD and the National Library of Medicine), a professional society (American Diabetes Association), three Universities (University of Minnesota, University of Rochester, and Case Western Reserve University) as well as a number of individual scientists. In this rather unique cooperative project, initiated in 1958, duplication of effort has been reduced to a minimum. The digital information generated from the original input of bibliographic citations to the National Library of Medicine's MEDLARS system is processed by computer in several different ways and ultimately used to compose the final printed pages of this *Diabetes Literature Index*.

Each month the MEDLARS magnetic tape furnished by the National Library of Medicine (NLM) is used for identification of the diabetes related literature. All bibliographic citations classified under subject headings which we have designated as Priority I, represent articles that are 100% diabetes-related; they are automatically copied onto a new magnetic tape and constitute over seventy percent of the citations appearing in this index. The citations appearing under Priority II and III are subject headings which include both diabetes-related and unrelated articles; these are printed on cards by the computer. The diabetes related citations are identified manually and the corresponding digital information is added to the next month's Priority I magnetic tape.

In the selection of this bibliography, diabetes-related literature has been defined in a rather arbitrary but broad, comprehensive manner with a view toward providing the widest possible coverage of related areas. To this end the following subjects have been included: the Islets of Langerhans in the pancreas, including their structure and pathologic alterations; insulin, its properties, assay, synthesis, release or degradation; the direct and indirect effects of insulin on target organs; blood glucose level, hyper- and hypo-glycemia; insulin antibodies and insulin resistance; insulin allergy; recent developments in intermediary metabolism; experimental and clinical as-

pects of diabetes, signs, symptoms, diagnosis, treatment, complications, and associated conditions. Also included are other hormones and agents whose effects are similar, opposite, synergistic or antagonistic to insulin, either in their primary or secondary effects on target organs. It should be noted that there are undoubtedly some omissions due to the empirical definition of the diabetes-related literature which was adopted and also to the difficulties attendant in preparing such a large-scale bibliography by machine.

The *Diabetes Literature Index* is published in three formats: a hierarchical subject index, a key word in title index, and an author index. The magnetic tape version of these indexes, prepared at the University of Minnesota, is used to generate the copy for offset printing by the Government Printing Office on their Linotron.

Hierarchical Subject Index: This index differs from *Index Medicus* in that related terms are grouped together in a hierarchical relationship. Thus, all citations which are indexed under blood sugar, glucose tolerance, hyperglycemia, hypoglycemia, and glycosuria are grouped under the general heading "blood sugar, urine sugar and related topics." In both the Diabetes Key Word Index and in *Index Medicus* these terms are arranged alphabetically, and the corresponding citations are distributed at many different page locations. In some instances where only a few citations appear under several similar subject headings, these are grouped together under a more generic term; at times, a new non-MEDLARS index term is created to cover these groupings of subject headings. In some instances where many citations appear under a single subject heading, these are subdivided by using subheadings.

Although the hierarchical subject index is, in a sense, a miniaturized version of *Index Medicus* (dealing with the core diabetes literature) it provides a much greater depth of indexing. Many relevant citations included in the *Diabetes Literature Index* do not appear under the corresponding subject headings in *Index Medicus*; because of space limitations, only two or three of the ten or more index terms included on the MEDLARS magnetic tape are used in the printed version of *Index Medicus*. At times the reason why a given citation appears under a specific subject

heading may not be apparent from the article title. However, examination of the list of index terms for this citation (included in the Author Index under the principal author) will give the basis for this inclusion.

Beginning with the January 1971 issue, two sections are included in the Hierarchical Subject Index. In *Section 1*, "Diabetes Mellitus and Related Topics," the major subdivisions include the MEDLARS terms: Islets of Langerhans, Pancreas, Insulin, Glucagon, Blood and Urine Sugar; the subsection on "Diabetes," (Section 1.F) is extensively subdivided and many subheadings are used. In *Section 2*, "Endocrinology" is divided into subsections dealing with the individual endocrine glands. Hierarchical subject indexes related to Biochemistry and the organ systems (included in the experimental issues, published in February and March, 1969) are not included at this time; terms related to these subjects are, however, included in the Keyword Index.

A list of the subject headings included in the tree structure of the hierarchy (with their corresponding index numbers) and an alphabetic cross index of these subject headings is printed immediately preceding the Hierarchical Subject Index.

Key Word Index: For all of the diabetes-related literature chosen, key words in the title are identified by the computer and an expanded magnetic tape is prepared, listing the complete bibliographic citation under each key word. Most editorial decisions are made by the computer-disk-look-up-program using a master list of terms. Trivial words are deleted and specific word combinations are also selected. Abbreviations and word variant forms are replaced by the more commonly used key word. Inconsistencies between the British and American spellings are eliminated. In no case, however, is a change made within

the title itself. Words which have not appeared previously in the system are identified by the computer program and flagged for human decision.

With the publication of the hierarchical subject index, the key word index has been shortened. Diabetes is not included as a term in the key word index as it is covered in great detail in the hierarchical subject index. Although users may find the hierarchical subject index more useful for coverage of their broad interests, the key word index is advantageous in locating citations dealing with very specific terms—for example those relating to biochemistry or the organ systems. The key word index is of special value in locating citations dealing with the frontiers of diabetes research, for new terms appearing in the title are immediately included in the key word index.

Author Index: Because of space limitations, the printed version of *Index Medicus* excludes all but the first three authors in multiple author publications. However since the last author is often the best known, this name may be the most useful for reference or retrieval; therefore, all authors are included in the Diabetes Literature Author Index. These are automatically identified by the computer program and an alphabetized magnetic tape is prepared in which the complete bibliographic citation is included under each author. In addition, all of the index terms used by the NLM for each citation are listed under the principal author, thus providing an overview of the subject content of the article.

Users planning to systematically cover all articles appearing in a given month may do so by scanning the author index, limiting their perusal to the principal author, i.e., those citations which contain the MEDLARS index terms.

Arrangement of the Hierarchical Index

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1.A.3	ISLANDS OF LANGERHANS, PHYSIOLOGY RELATED	1.E.3.9	HYPERGLYCEMIA, URINE
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1.B.2	PANCREAS, BIOCHEMISTRY RELATED	1.E.4.4	GLYCOSURIA, DRUG THERAPY
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1.B.4	PANCREAS, PHARMACOLOGY RELATED	1.E.4.6	GLYCOSURIA, ETIOLOGY
1.B.5	PANCREAS, PATHOLOGY RELATED	1.E.4.7	GLYCOSURIA, METABOLISM
1.B.6	PANCREAS, SURGERY RELATED	1.E.4.8	GLYCOSURIA, OCCURRENCE
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1.C.1.5	INSULIN, METABOLISM	1.E.6.7	HYPOGLYCEMIA, METABOLISM
1.C.1.6	INSULIN, BLOOD	1.E.6.8	HYPOGLYCEMIA, PHYSIOPATHOLOGY
1.C.1.7	INSULIN, URINE	1.E.6.9	HYPOGLYCEMIA, THERAPY
1.C.2	INSULIN, PHYSIOLOGY RELATED	1.F	DIABETES
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1.C.7.2	INSULIN ADMINISTRATION AND DOSAGE (SEE 1.F.9.3.1)	1.F.6.1.1	ACIDOSIS, DIABETIC
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1.C.8	INSULIN, HISTORY	1.F.6.2	DIABETIC ANGIOPATHIES
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1.D.3.1	GLUCAGON, ADMINISTRATION AND DOSAGE	1.F.7.3	DIABETES, CONGENITAL
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1.E.3.3	HYPERGLYCEMIA, COMPLICATIONS	1.F.9.2.8	SACCHARIN
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MEDLARS Terms Included in Hierarchical Index

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ACIDOSIS
ACIDOSIS, DIABETIC
ACROMEGALY
ADDISON'S DISEASE
ADRENAL CORTEX HORMONES
ADRENAL GLAND HYPERFUNCTION
ADRENAL GLAND HYPOFUNCTION
ADRENAL GLANDS
ADRENAL MEDULLA
ADRENALECTOMY
ADRENOGENITAL SYNDROME

ALDOSTERONE
ALLOXAN DIABETES
BLOOD
DRUG THERAPY
ENZYMOLGY
METABOLISM
PATHOLOGY
PHYSIOPATHOLOGY

AMNIOCENTESIS
ANABOLIC STEROIDS
ANDROGENS
ANDROSTERONE

ANTI-DIABETICS
APGAR SCORE
ARTERIOSCLEROSIS
BETAMETHASONE
BIGUANIDES
BLOOD SUGAR
ANALYSIS
BIOSYNTHESIS
METABOLISM
PHARMACODYNAMICS

CALCITONIN
CARBUTAMIDE
CHLORMADINONE
CHLORTRIANISENE
CHLORPROPAMIDE
CHOLECYSTOKININ
CHOLESTEROL, DIETARY
CHROMAFFIN SYSTEM
CONTRACEPTIVES, ORAL
CORONARY DISEASE
CORPUS LUTEUM
CORPUS LUTEUM HORMONES
CORTICOSTERONE
CORTICOTROPIN
CORTICOTROPIN RELEASING HORMONE
CORTISONE
CRETINISM
CUSHINGS SYNDROME
CYCLAMATES
CYTOCHALASIN B
CYTOCHALASINS
DEHYDROEPIANDROSTERONE

DESOXYCORTICOSTERONE
DEXAMETHASONE
DIABETES INSIPIDUS
DIABETES MELLITUS
BLOOD
CHEMICALLY INDUCED
COMPLICATIONS
CONGENITAL
DIAGNOSIS
DRUG THERAPY
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ETIOLOGY
FAMILIAL & GENETIC
HISTORY
IMMUNOLOGY
METABOLISM
MORTALITY
OCCURRENCE

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PROPYLTHIOURACIL	2.E.1.4 GONADOTROPINS, PITUITARY	TURNERS SYNDROME	2.F.4 GONADAL DISORDERS
PROSTAGLANDINS	2.C.2 THYROID ANTAGONISTS	VASOPRESSIN	2.E.2 PITUITARY HORMONES, POSTERIOR
PUBERTY, PRECOCIOUS	2.G.2.2 PROSTAGLANDINS	VIRILISM	2.F.4 GONADAL DISORDERS
	2.F.4 GONADAL DISORDERS	WATERHOUSE-FRIDERICHSEN SYNDROME	2.B.5 ADRENAL DISORDERS



SECTION 1. DIABETES MELLITUS AND RELATED TOPICS

1.A ISLANDS OF LANGERHANS

[STUDIES ON THE ORGAN CULTURE OF RAT PANCREAS. II. ISOLATED PANCREATIC ISLETS IN ORGAN CULTURE (AUTHORS TRANSL.)] IKEGAMI T *FUKUOKA ACTA MED* 65: 259-65, MAY 74 JPN

EDITORIAL: INSULIN: RATES AND ROUTES OF DELIVERY. FELIG P *N ENGL J MED* 291: 1031-2, 7 NOV 74 ENG

PANCREATIC ISLET TRANSPLANTATION. EFFECTS ON THE GLOMERULAR LESIONS OF EXPERIMENTAL DIABETES IN THE RAT. MAUER SM, SUTHERLAND DE, STEFFES MW, LEONARD RJ, NAJARIAN JS, MICHAEL AF, BROWN DM *DIABETES* 23: 748-53, SEP 74 ENG

1.A.1 ISLANDS OF LANGERHANS, ANATOMY RELATED

[AN IMMUNOCYTOLOGICAL STUDY OF DIFFERENTIATION OF THE ENDOCRINE PANCREAS OF THE CHICK EMBRYO. II. GLUCAGON] BEAUPAIN D, DIETERLEN-LIEVRE F *GEN COMP ENDOCRINOL* 23: 421-31, AUG 74 FRE

[PHYSIOLOGY OF INSULIN SECRETION. 1. THE ENERGETIC POINT OF VIEW] DUPREY J, LUBETZKI J *JOURN ANNU DIABETOL HOTEL DIEU* 13: 13-35, 1972 FRE [142]

[PHYSIOLOGY OF INSULIN SECRETION. 2. FURTHER INTERPRETATIONS] RENOLD AE, ORCI L, LAMBERT AE *JOURN ANNU DIABETOL HOTEL DIEU* 13: 37-40, 1972 FRE [17]

[PREVENTION OF THE MANIFESTATION OF DIABETES MELLITUS THROUGH DIETETIC AND DRUG MEASURES. I. THEORETICAL AND CLINICAL ASPECTS WITH REFERENCE TO THE INSULIN FINDINGS IN THE PERIPHERAL VENOUS BLOOD] WUSTENBERG PW, WERNER P, DANNENBERG C, MICHAELIS D *Z GESAMTE INN MED* 29: 221-7, 15 MAR 74 GER [109]

ARE GASTRIN-CELLS PRESENT IN MAMMALIAN PANCREATIC ISLETS LOTSTRA F, LOO W VAN DER, GEPTS W *DIABETOLOGIA* 10: 291-302, AUG 74 ENG

GASTRIN: A REVIEW. ROONEY PJ, GRENNAN D, MILLAR J *CURR MED RES OPIN* 2: 295-304, 1974 ENG [63]

INTRACELLULAR TRANSPORT AND STORAGE OF NEWLY SYNTHESIZED PROTEINS IN THE GUINEA PIG PANCREATIC A CELL. HOWELL SL, HELLERSTROM C, TYHURST M *HORM METAB RES* 6: 267-71, JUL 74 ENG

MONOLAYER CELL CULTURE OF ADULT RAT ISLETS OF LANGERHANS. KOSTIANOVSKY M, MCDANIEL ML, STILL MF, CODILLA RC, LACY PE *DIABETOLOGIA* 10: 337-44, AUG 74 ENG

PLACENTAL TRANSFER OF STREPTOZOTOCIN IN THE RHESUS MONKEY. REYNOLDS WA, CHEZ RA, BHUYAN BK, NEIL GL *DIABETES* 23: 777-82, SEP 74 ENG

STRUCTURE AND FUNCTION OF THE ENDOCRINE CELL TYPES OF THE ISLETS. LACY PE *ADV METAB DISORD* 7: 171-82, 1974 ENG [14]

1.A.2 ISLANDS OF LANGERHANS, BIOCHEMISTRY RELATED

[AN IMMUNOCYTOLOGICAL STUDY OF DIFFERENTIATION OF THE ENDOCRINE PANCREAS OF THE CHICK EMBRYO. II. GLUCAGON] BEAUPAIN D, DIETERLEN-LIEVRE F *GEN COMP ENDOCRINOL* 23: 421-31, AUG 74 FRE

[QUANTITATIVE HISTOCHEMISTRY OF THE HUMAN ENDOCRINE PANCREAS] GEPTS W, VERH K, VLAAM ACAD GENEESKD *BELG* 34: 89-124, 1972 DUT [102]

ARE GASTRIN-CELLS PRESENT IN MAMMALIAN PANCREATIC ISLETS LOTSTRA F, LOO W VAN DER, GEPTS W *DIABETOLOGIA* 10: 291-302, AUG 74 ENG

CATIONIC ENVIRONMENT AND DYNAMICS OF INSULIN SECRETION. I. EFFECT OF LOW CONCENTRATIONS OF SODIUM. LAMBERT AE, HENQUIN JC, MALVAUX P *ENDOCRINOLOGY* 95: 1069-77, OCT 74 ENG

DIETARY MODULATION OF BETA CELL ADENYLATE CYCLASE ACTIVITY. Anonymous *NUTR REV* 32: 281-3, SEP 74 ENG [13]

EFFECT OF CYTOCHALASIN B ON HEXOSE TRANSPORT AND GLUCOSE METABOLISM IN PANCREATIC ISLETS. MCDANIEL ML, KING S, ANDERSON S, FINK J, LACY PE *DIABETOLOGIA* 10: 303-8, AUG 74 ENG

GASTRIN: A REVIEW. ROONEY PJ, GRENNAN D, MILLAR J *CURR MED RES OPIN* 2: 295-304, 1974 ENG [63]

GROWTH HORMONE AND DIABETES IN MAN. OLD CONCEPTS-NEW IMPLICATIONS. LUFT R, GUILLEMIN R *DIABETES* 23: 783-7, SEP 74 ENG

INTRACELLULAR TRANSPORT AND STORAGE OF NEWLY SYNTHESIZED PROTEINS IN THE GUINEA PIG PANCREATIC A CELL. HOWELL SL, HELLERSTROM C, TYHURST M *HORM METAB RES* 6: 267-71, JUL 74 ENG

MECHANISM OF DAMAGE TO THE PANCREATIC ISLETS IN DITHIOLANE DIABETES. LAZARIS YA, MEIRAMOV GG *BULL EXP BIOL MED* 77: 235-8, SEP 74 ENG

MECHANISMS OF CATECHOLAMINE INACTIVATION BY THE ENDOCRINE PANCREAS. FELDMAN JM, CHAPMAN B *DIABETES* 23: 754-62, SEP 74 ENG

PLACENTAL TRANSFER OF STREPTOZOTOCIN IN THE RHESUS MONKEY. REYNOLDS WA, CHEZ RA, BHUYAN BK, NEIL GL *DIABETES* 23: 777-82, SEP 74 ENG

PROTEIN SYNTHESIS IN CELLS OF VARIOUS PARTS OF THE EXOCRINE EPITHELIUM OF THE RAT PANCREAS. UTEKHIN VI *BULL EXP BIOL MED* 77: 281-3, SEP 74 ENG

STRUCTURE AND FUNCTION OF THE ENDOCRINE CELL TYPES OF THE ISLETS. LACY PE *ADV METAB DISORD* 7: 171-82, 1974 ENG [14]

SYNTHESIS AND SECRETION OF INSULIN IN DYNAMIC PERFUSION SYSTEMS. GRODSKY GM, SANDO H, LEVIN S, GERICH J, KARAM J *ADV METAB DISORD* 7: 155-70, 1974 ENG [28]

THE AUTOREGULATION OF INSULIN SECRETION IN THE ISOLATED PANCREATIC ISLETS OF LEAN (OBOB) AND OBESE-HYPERGLYCEMIC (OBOB) MICE. LORETI L, DUNBAR JC, CHEN S, FOA PP *DIABETOLOGIA* 10: 309-15, AUG 74 ENG

THE PATHOGENESIS OF PANCREATIC ISLET CELL HYPERPLASIA AND INSULIN INSENSITIVITY IN OBESITY. MAHLER RJ *ADV METAB DISORD* 7: 213-41, 1974 ENG [126]

THE STIMULUS-SECRETION COUPLING OF GLUCOSE-INDUCED INSULIN RELEASE. SORBITOL METABOLISM IN ISOLATED ISLETS. MALAISSE WJ, SENER A, MAHY M *EUR J BIOCHEM* 47: 365-70, 1 SEP 74 ENG

ULTRAHISTOCHEMICAL DETECTION OF BIOGENIC AMINES IN A-CELLS OF LANGERHANS ISLETS OF SANDRATS (PSAMMOMYS OBESUS) BY MEANS OF REINECKE-SALT. DORSCH H, VON KRAUSE R, FEHRMANN P, SULZMANN R *Z MIKROSK ANAT FORSCH* 88: 413-6, 1974 ENG

1.A.3 ISLANDS OF LANGERHANS, PHYSIOLOGY RELATED

A NON-EDITORIAL ON NON-HYPOGLYCEMIA. CAHILL GF JR, SOELDNER JS *N ENGL J MED* 291: 905-6, 24 OCT 74 ENG

[ARGININE TEST FOR THE EXAMINATION OF ENDOCRINE PANCREATIC FUNCTION IN CHILDHOOD] STAHL M, GIRARD J, RUTISHAUSER M, RONEN G *MONATSSCHR KINDERHEILKD* 122: 615-6, JUL 74 GER

[CHANGES IN THE INSULIN SECRETION OF ISOLATED LANGERHANS ISLANDS INDUCED BY TREATMENT WITH NEURAMINIDASE] HAHN HJ, HELLMAN B, LERNMARK A, TALJEDAL IB *ACTA BIOL MED GER* 32: 375-83, 1974 GER

[ENDOCRINE SECRETORY DISORDERS IN CHRONIC PANCREATITIS (AUTHORS TRANSL.)] GRABNER W, PHILLIP J, MAYER A, DANIEL U, MATZKIES F *DIETSCHE MED WOCHENSCHR* 99: 445-8, 8 MAR 74 GER

[GLUCAGON AND ENERGETIC SUBSTRATES] LEBEVRE P, LUYCKX A *JOURN ANNU DIABETOL HOTEL DIEU* 13: 93-107, 1972 FRE [62]

[INSULIN SECRETION IN THE CLINICAL STAGES OF DIABETES (WITH GLUCOSE

1.A ISLANDS OF LANGERHANS

- TOLERANCE TEST ABNORMALITIES]** VAGUE P, VAGUE J *JOURN ANNU DIABETOL HOTEL DIEU* 13: 55-65, 1972 FRE [45]
- [MYOCARDIAL REQUIREMENT FOR CATECHOLAMINES DURING EXERCITION]** GORSKI J *POL TYG LEK* 29: 1599-601, 16 AUG 74 POL [26]
- [PHYSIOLOGY OF INSULIN SECRETION. 1. THE ENERGETIC POINT OF VIEW]** DUPREY J, LUBETZKI J *JOURN ANNU DIABETOL HOTEL DIEU* 13: 13-35, 1972 FRE [142]
- [PHYSIOLOGY OF INSULIN SECRETION. 2. FURTHER INTERPRETATIONS]** RENOLD AE, ORCI L, LAMBERT AE *JOURN ANNU DIABETOL HOTEL DIEU* 13: 37-40, 1972 FRE [7]
- [THE POSSIBLE ROLE OF ADIPOSE TISSUE IN INSULIN RESISTANCE AND IN THE PHYSIOPATHOLOGY OF OBESE DIABETICS]** GUY-GRAND B, BOUR H *JOURN ANNU DIABETOL HOTEL DIEU* 13: 81-92, 1972 FRE [47]
- [VARIATIONS OF BASAL AND POST-STIMULATIVE INSULIN BLOOD LEVELS, DURING PROLONGED TREATMENT WITH HYPOGLYCEMIC SULFAMIDES]** PIRART J, LAUVAUX JP, MANDART G *JOURN ANNU DIABETOL HOTEL DIEU* 13: 67-79, 1972 FRE [67]
- [WHAT IS THE PHYSIOPATHOLOGICAL IMPORTANCE OF GLUCAGON SECRETION]** ASSAN R, TIENGO A *JOURN ANNU DIABETOL HOTEL DIEU* 13: 109-18, 1972 FRE [46]
- ARE GASTRIN-CELLS PRESENT IN MAMMALIAN PANCREATIC ISLETS** LOTSTRA F, LOO W VAN DER, GEPTS W *DIABETOLOGIA* 10: 291-302, AUG 74 ENG
- CATIONIC ENVIRONMENT AND DYNAMICS OF INSULIN SECRETION. I. EFFECT OF LOW CONCENTRATIONS OF SODIUM.** LAMBERT AE, HENQUIN JC, MALVAUX P *ENDOCRINOLOGY* 95: 1069-77, OCT 74 ENG
- CYCLIC ADENOSINE MONOPHOSPHATE AND CLINICAL MEDICINE. 2. CARBOHYDRATE AND LIPID METABOLISM.** KEIRNS JJ, FREEMAN J, BITENSKY MW *AM J MED SCI* 268: 62-91, AUG 74 ENG
- DIETARY MODULATION OF BETA CELL ADENYLATE CYCLASE ACTIVITY.** Anonymous *NUTR REV* 32: 281-3, SEP 74 ENG [13]
- HYPOGLYCEMIA.** LEVINE R *JAMA* 230: 462-3, 21 OCT 74 ENG
- INSULIN SECRETION BY ANOMERS OF D-GLUCOSE.** NIKI A, NIKI H, MIWA I, OKUDA J *SCIENCE* 186: 150-1, 11 OCT 74 ENG
- OBESEITY AND DIABETES MELLITUS.** PFEIFFER EF, LAUBE H *ADV METAB DISORD* 7: 243-55, 1974 ENG [39]
- SENSITIVITY TO GLUCOSE OF AN INTESTINAL FACTOR STIMULATING INSULIN RELEASE.** ZERMATTEN A, FELBER JP *HORM METAB RES* 6: 272-4, JUL 74 ENG
- STRUCTURE AND FUNCTION OF THE ENDOCRINE CELL TYPES OF THE ISLETS.** LACY PE *ADV METAB DISORD* 7: 171-82, 1974 ENG [14]
- SYNTHESIS AND SECRETION OF INSULIN IN DYNAMIC PERFUSION SYSTEMS.** GRODSKY GM, SANDO H, LEVIN S, GERICH J, KARAM J *ADV METAB DISORD* 7: 155-70, 1974 ENG [28]
- THE AUTOREGULATION OF INSULIN SECRETION IN THE ISOLATED PANCREATIC ISLETS OF LEAN (OBOB) AND OBESE-HYPERGLYCEMIC (OBOB) MICE.** LORETI L, DUNBAR JC, CHEN S, FOA PP *DIABETOLOGIA* 10: 309-15, AUG 74 ENG
- THE STIMULUS-SECRETION COUPLING OF GLUCOSE-INDUCED INSULIN RELEASE. SORBITOL METABOLISM IN ISOLATED ISLETS.** MALAISSE WJ, SENER A, MAHY M *EUR J BIOCHEM* 47: 365-70, 1 SEP 74 ENG
- TOLBUTAMIDE AND GLUCAGON SECRETION.** LOUBATIERES AL, LOUBATIERES-MARIANI MM, ALRIC R, RIBES G *DIABETOLOGIA* 10: 271-6, AUG 74 ENG
- TWENTY-FOUR-HOUR HYPOTHERMIC PRESERVATION PERFUSION AND STORAGE OF THE DUCT-LIGATED CANINE PANCREAS WITH TRANSPLANTATION.** WESTBROEK DL, DE GRUYL J, DIKHUIS CM, MCDICKEN I, DROP A, SCHOLTE A, HULSMANS HA *TRANSPLANT PROC* 6: 319-22, SEP 74 ENG
- ### 1.A.4 ISLANDS OF LANGERHANS, PHARMACOLOGY RELATED
- [CHANGES IN THE INSULIN SECRETION OF ISOLATED LANGERHANS ISLANDS INDUCED BY TREATMENT WITH NEURAMINIDASE]** HAHN HJ, HELLMAN B, LERNMARK A, TALJEDAL IB *ACTA BIOL MED GER* 32: 375-83, 1974 GER
- [DIABETES MELLITUS IN ACUTE AND CHRONIC PANCREATITIS (AUTHORS TRANSL.)]** STROHMMEYER G, GOTTESBUREN H, BEHR C *DTSCH MED WOCHENSCHR* 99: 1481-8, 12 JUL 74 GER
- [ENDOCRINE SECRETORY DISORDERS IN CHRONIC PANCREATITIS (AUTHORS TRANSL.)]** GRABNER W, PHILLIP J, MAYER A, DANIEL U, MATZKIES F *DTSCH MED WOCHENSCHR* 99: 445-8, 8 MAR 74 GER
- [INSULIN SECRETION IN THE CLINICAL STAGES OF DIABETES (WITH GLUCOSE TOLERANCE TEST ABNORMALITIES)]** VAGUE P, VAGUE J *JOURN ANNU DIABETOL HOTEL DIEU* 13: 55-65, 1972 FRE [45]
- [VARIATIONS OF BASAL AND POST-STIMULATIVE INSULIN BLOOD LEVELS, DURING PROLONGED TREATMENT WITH HYPOGLYCEMIC SULFAMIDES]** PIRART J, LAUVAUX JP, MANDART G *JOURN ANNU DIABETOL HOTEL DIEU* 13: 67-79, 1972 FRE [67]
- EFFECT OF CYTOCHALASIN B ON HEXOSE TRANSPORT AND GLUCOSE METABOLISM IN PANCREATIC ISLETS.** MCDANIEL ML, KING S, ANDERSON S, FINK J, LACY PE *DIABETOLOGIA* 10: 303-8, AUG 74 ENG
- GASTRIC GLUCOSE TOLERANCE IN THE THIRD-TRIMESTER MONKEY CONCEPTUS.** CHEZ RA, MINTZ DH, HUTCHINSON DL *AM J OBSTET GYNECOL* 120: 553-4, 15 OCT 74 ENG
- MECHANISM OF DAMAGE TO THE PANCREATIC ISLETS IN DITHIONOSE DIABETES.** LAZARIS YA, MEIRAMOV GG *BULL EXP BIOL MED* 77: 235-8, SEP 74 ENG
- MONOLAYER CELL CULTURE OF ADULT RAT ISLETS OF LANGERHANS.** KOSTIANOVSKY M, MCDANIEL ML, STILL MF, CODILLA RC, LACY PE *DIABETOLOGIA* 10: 337-44, AUG 74 ENG
- OBESEITY AND DIABETES MELLITUS.** PFEIFFER EF, LAUBE H *ADV METAB DISORD* 7: 243-55, 1974 ENG [39]
- SENSITIVITY TO GLUCOSE OF AN INTESTINAL FACTOR STIMULATING INSULIN RELEASE.** ZERMATTEN A, FELBER JP *HORM METAB RES* 6: 272-4, JUL 74 ENG
- SHORT-TERM EFFECTS OF OESTRADIOL BENZOATE IN NORMAL, HYPOPHYSECTOMIZED AND ALLOXAN-DIABETIC MALE RATS.** GOODMAN MN, HAZELWOOD RL *J ENDOCRINOL* 62: 439-49, SEP 74 ENG
- STRUCTURE AND FUNCTION OF THE ENDOCRINE CELL TYPES OF THE ISLETS.** LACY PE *ADV METAB DISORD* 7: 171-82, 1974 ENG [14]
- TOLBUTAMIDE AND GLUCAGON SECRETION.** LOUBATIERES AL, LOUBATIERES-MARIANI MM, ALRIC R, RIBES G *DIABETOLOGIA* 10: 271-6, AUG 74 ENG
- ### 1.A.5 ISLANDS OF LANGERHANS, PATHOLOGY RELATED
- [INSULINOMA]** KOSAKA K *CLIN ENDOCRINOL (TOKYO)* 22: 66-7, JAN 74 JAP
- [FUNCTIONING TUMOR OF THE PANCREAS (INSULINOMA)]** ROBAYNA G, GONZALEZ E *REV ESP ENFERM APAR DIG* 42: 715-24, 15 MAR 74 SPA
- [INFLUENCE OF GLUCOSE BLOOD LEVEL ON THE HUMAN PLASMA INHIBITOR-ALPHA 2 (AUTHORS TRANSL.)]** VARGAS L, FAERMAN I, CHARLIN M, BAKOVIC V *ARCH BIOL MED EXP (SANTIAGO)* 6: 54-7, MAR-NOV 69 SPA
- [ISLET CELL TUMORS WITH HYPOGLYCEMIA. SURGICAL TACTICS AND RESULTS]** STEFANINI P *CHIRURGIE* 99: 530-9, 6, 13, 20 JUN 73 FRE
- [NEURO-PSYCHIC MANIFESTATIONS OF HYPOGLYCEMIA. APROPOS OF A CASE OF MALIGNANT INSULINOMA]** MARTI-VILATA JL, MORELL F, ARRANZ T, ECHE J, SAGRISTA J, LOPEZ T *ACTAS LUSO ESP NEUROL PSYQUIATR* 2: 203-10, MAY-JUN 74 SPA
- [PRELIMINARY OBSERVATIONS ON THE BEHAVIOR OF THE PANCREATIC ISLETS IN RABBITS FED A HIGH CHOLESTEROL DIET (WITH OR WITHOUT INTRAVENOUS INJECTIONS OF TWEEN 80)]** DAMORE I, PAPI F, PESCATORI GF, WEBER G *BOLL SOC ITAL BIOL SPER* 49: 1019-21, 30 SEP 73 ITA
- [PROLONGED TREATMENT OF SEVERE HYPOGLYCEMIA WITH DIAZOXIDE]** SARIC R, MOREAU F, SEGUIN G, COHEN E, MERLET M, LORIN JC *SEM HOP PARIS* 50: 1497-503, 8 MAY 74 FRE
- [WHAT IS THE PHYSIOPATHOLOGICAL IMPORTANCE OF GLUCAGON SECRETION]** ASSAN R, TIENGO A *JOURN ANNU DIABETOL HOTEL DIEU* 13: 109-18, 1972 FRE [46]
- DIAZOXIDE, ENCONTON AND STREPTOZOTOCIN IN THE TREATMENT OF MALIGNANT BETACYTOMA.** TOLLOCKO T, WASIUTYNSKI A *ACTA MED POL* 15: 69-77, 1974 ENG
- LETTER: DIAGNOSIS OF INSULINOMAS.** BAL-LOFF LB, HANSON TJ *ANN INTERN MED* 81: 565-6, OCT 74 ENG

MECHANISM OF DAMAGE TO THE PANCREATIC ISLETS IN DITHIONOSE DIABETES. LAZARIS YA, MEIRAMOV GG *BULL EXP BIOL MED* 77: 235-8, SEP 74 ENG

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HL-A ANTIGENS AND DIABETES MELLITUS. NERUP J, PLATZ P, ANDERSEN OO, CHRISTY M, LYGSOE J, POULSEN JE, RYDER LP, NIELSEN LS, THOMSEN M, SYDEGAARD A *LANCET* 2: 864-6, 12 OCT 74 ENG

1.B.1 PANCREAS, ANATOMY RELATED

ARE GASTRIN-CELLS PRESENT IN MAMMALIAN PANCREATIC ISLETS LOTSTRA F, LOO W VAN DER, GEPTS W *DIABETOLOGIA* 10: 291-302, AUG 74 ENG

EFFECTS OF VAGAL STIMULATION ON GLUCAGON AND INSULIN SECRETION. KANETO A, MIKI E, KOSAKA K *ENDOCRINOLOGY* 95: 1005-10, OCT 74 ENG

INSULIN SECRETION IN MALIGNANT HYPERTENSIA. DENBOROUGH MA, WARNE GL, MOULDS RF, MARTIN FI *BR MED J* 3: 493-5, 24 AUG 74 ENG

PLACENTAL TRANSFER OF STREPTOZOTOCIN IN THE RHESUS MONKEY. REYNOLDS WA, CHEZ RA, BHUYAN BK, NEIL GL *DIABETES* 23: 777-82, SEP 74 ENG

PROTEIN SYNTHESIS IN CELLS OF VARIOUS PARTS OF THE EXOCRINE EPITHELIUM OF THE RAT PANCREAS. UTEKHIN VI *BULL EXP BIOL MED* 77: 281-3, SEP 74 ENG

1.B.2 PANCREAS, BIOCHEMISTRY RELATED

[PANCREATIC AMYLASE ACTIVITY IN NORMAL AND DIABETIC RATS (AUTHORS TRANSL)] SOFRANKOVA A *BRATISL LEK LISTY* 62: 300-5, SEP 74 SLO

[QUANTITATIVE HISTOCHEMISTRY OF THE HUMAN ENDOCRINE PANCREAS] GEPTS W, VERH K *VLAAM ACADEMIEGENEESKDE BELG* 34: 89-124, 1972 DUT [102]

DAILY CHANGES IN CONCENTRATION OF PANCREATIC AND SERUM INSULIN AND OF BLOOD GLUCOSE DURING 5 DAYS OF TREATMENT OF RATS WITH GROWTH HORMONE, ACTH, CORTISOL, DEXAMETHASONE, AND TOLBUTAMIDE ALONE AND IN COMBINATIONS. BATES RW, GARRISON MM *METABOLISM* 23: 947-65, OCT 74 ENG

DIABETES MELLITUS-A DISEASE OF PANCREATIC AND EXTRAPANCREATIC ORIGIN. CERASI E, LUFT R *ADV METAB DISORD* 7: 193-212, 1974 ENG [55]

ENTERAL ABSORPTION OF WATER-IN-OIL-IN-WATER INSULIN EMULSIONS IN RABBITS. SHICHIKI M, SHIMIZU Y, YOSHIDA Y, KAWAMORI R, FUKUCHI M, SHIGETA Y, ABE H *DIABETOLOGIA* 10: 317-21, AUG 74 ENG

FREE FATTY ACID-GLUCAGON FEED-BACK MECHANISM. GROSS R, MIALHE P *DIABETOLOGIA* 10: 277-83, AUG 74 ENG

GLUCOSE-INDUCED INCREASE OF PLASMA INSULIN IN THE RAT FOETUS IN UTERO.

KERVAN A, GIRARD JR *J ENDOCRINOL* 62: 545-51, SEP 74 ENG

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PREVENTION OF ALLOXAN-INDUCED DIABETES BY ETHANOL ADMINISTRATION. HEIKKILA RE, BARDEN H, COHEN G *J PHARMACOL EXP THER* 190: 501-6, SEP 74 ENG

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1.B.3 PANCREAS, PHYSIOLOGY RELATED

[EFFECT OF HEPARIN ON THE PANCREATIC FUNCTION OF THE DOG] NOWAK W, SILL U, LIPPERT H, HOMMEL H, FISCHER U *Z GESAMTE INN MED* 29: 250-2, 15 MAR 74 GER

[SOME ASPECTS OF CARBOHYDRATE METABOLISM IN PATIENTS WITH DUMPING SYNDROME] LUBCZYNSKA-KOWALSKA W *POL TYG LEK* 29: 1447-50, 19 AUG 74 POL [32]

[THE ENDOCRINE FUNCTION OF THE PANCREAS: INSULIN AND GLUCAGON, THEIR BIOSYNTHESIS, SECRETION AND METABOLIC ROLE] SZYBINSKI Z *PRZEGL LEK* 31: SUPPL.063-6, 1974 POL

ACTION OF B-HYDROXY BUTYRATE, ACETOACETATE AND PALMITATE ON THE INSULIN RELEASE IN THE PERFUSED ISOLATED RAT PANCREAS. GOBERNA R, TAMARIT J JR, OSORIO J, FUSSGANGER R, TAMARIT J, PFEIFFER EF *HORM METAB RES* 6: 256-60, JUL 74 ENG

ARE GASTRIN-CELLS PRESENT IN MAMMALIAN PANCREATIC ISLETS LOTSTRA F, LOO W VAN DER, GEPTS W *DIABETOLOGIA* 10: 291-302, AUG 74 ENG

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EFFECTS OF VAGAL STIMULATION ON GLUCAGON AND INSULIN SECRETION. KANETO A, MIKI E, KOSAKA K *ENDOCRINOLOGY* 95: 1005-10, OCT 74 ENG

OBESITY AND DIABETES MELLITUS. PFEIFFER EF, LAUBE H *ADV METAB DISORD* 7: 243-55, 1974 ENG [39]

PHILOSOPHY AND OUTLOOK. BEST CH *ADV METAB DISORD* 7: 141-54, 1974 ENG

STRESS, INSULIN ANTAGONIST AND TRANSIENT DIABETES MELLITUS IN THE RAT. VARGES L, BRONFMAN M, KAWADA ME *HORM METAB RES* 6: 275-80, JUL 74 ENG

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PROCEEDINGS: THE EFFECT OF INSULIN UPON THE MOVEMENT OF GLUCOSE INTO THE SKELETAL MUSCLE OF THE RAT IN VIVO. DANIEL PM, LOVE ER, PRATT OE *J PHYSIOL (LOND)* 239: 90P-91P, JUN 74 ENG

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SIMILAR EFFECTS OF CALITONIN, INSULIN AND SOMATOMEDIN A ON LIPOLYSIS AND UPTAKE OF CALCIUM AND GLUCOSE IN RAT ADIPOSE TISSUE IN VITRO. WERNER S, HALL K, LOW H *HORM METAB RES* 6: 319-25, JUL 74 ENG

SIMULTANEOUS EVALUATION OF THE PITUITARY RESERVE OF GH, TSH, ACTH AND LH IN CHILDREN. SATO T, INOUE M, MASUYAMA T, SUZUKI Y, IZUMISAWA A *J CLIN ENDOCRINOL METAB* 39: 595-9, SEP 74 ENG

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THE EFFECT OF SECRETAGOGUES AND ANTISECRETAGOGUES ON HISTIDINE DECARBOXYLASE ACTIVITY IN RAT GASTRIC MUCOSA. OSCARSON J, HAKANSON R, LIEBERG G *AGENTS ACTIONS* 4: 183-4, AUG 74 ENG

THE FORMATION OF GLUTAMINE AND ALANINE IN SKELETAL MUSCLE. RUDERMAN NB, BERGER M *ARCH GEN PSYCHIATRY* 31: 5500-6, SEP 74 ENG

THE INFLUENCE OF INSULIN AND GLUCOSE ON THE RELEASE OF PLASMINOGEN ACTIVATOR BY ISOLATED RABBIT KIDNEYS. KLENIEWSKI J, JAWORSKA-BZYMEK D *EXPERIENTIA* 30: 1032-3, 15 SEP 74 ENG

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I.C INSULIN

SITIVITY IN OBESITY. MAHLER RJ *ADV METAB DISORD* 7: 213-41, 1974 ENG [126]

I.C.3.2 INSULIN, ANTAGONISTS AND INHIBITORS

[PREVENTION OF THE MANIFESTATION OF DIABETES MELLITUS THROUGH DIETETIC AND DRUG MEASURES. 1. THEORETICAL AND CLINICAL ASPECTS WITH REFERENCE TO THE INSULIN FINDINGS IN THE PERIPHERAL VENOUS BLOOD] WUSTENBERG PW, WERNER P, DANNENBERG C, MICHAELIS D Z *GESAMTE INN MED* 29: 221-7, 15 MAR 74 GER [109]

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STRESS, INSULIN ANTAGONIST AND TRANSIENT DIABETES MELLITUS IN THE RAT. VARGES L, BRONFMAN M, KAWADA ME *HORM METAB RES* 6: 275-80, JUL 74 ENG

I.C.3.3 INSULIN, ADVERSE EFFECTS

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I.C.4 HYPERINSULINISM

[ABNORMALITIES OF INSULIN SECRETION DURING PHRENO-CELIAC STENOSIS] WARTER J, WERYHA A, STORCK D, KUNTZ JL C R *ACAD SCI [D] (PARIS)* 278: 2377-9, 29 APR 74 FRE

[INSULINEMIA AND PREGNANCY] TESCHER M, GUERIS J, TECHENET J, MORIN P, STRICH-MOUGENOT C, DIEULANGARD P *SEM HOP PARIS* 50: 1333-9, 26 APR 74 FRE

[SOMATOMAMMOTROPIC CHORIONIC HORMONE AND GLYCO-REGULATION] TESCHER M, MORIN P, GUERIS J, TECHENET J, SERPEAU P, PAOLAGGI F *SEM HOP PARIS* 50: 1327-32, 26 APR 74 FRE

[THE POSSIBLE ROLE OF ADIPOSE TISSUE IN INSULIN RESISTANCE AND IN THE PHYSIOPATHOLOGY OF OBES DIABETICS] GUY-GRAND B, BOUR H *JOURN ANNU DIABETOL HOTEL DIEU* 13: 81-92, 1972 FRE [47]

CARBOHYDRATE METABOLISM IN PREGNANCY. XI. RESPONSE OF PLASMA GLUCAGON TO OVERNIGHT FAST AND ORAL GLUCOSE DURING NORMAL PREGNANCY AND IN GESTATIONAL DIABETES. DANIEL RR, METZGER BE, FREINKEL N, FALOONA GR, UNGER RH, NITZAN M *DIABETES* 23: 771-6, SEP 74 ENG

INSULIN RESISTANCE, SKIN CHANGES, AND VIRILIZATION: A RECESSIVELY INHERITED SYNDROME POSSIBLY DUE TO PINEAL GLAND DYSFUNCTION. BARNES ND, PALUMBO PJ, HAYLES AB, FOLGAR H *DIABETOLOGIA* 10: 285-9, AUG 74 ENG

I.C.4.1 INSULIN COMA

I.C.5 INSULIN ANTIBODIES

[MODERN TRENDS IN RADIOIMMUNOLOGIC METHODS THROUGHOUT THE WORLD] KULESZA B *POL TYG LEK* 29: 1679-81, 30 SEP 74 POL [7]

[PROCEEDINGS: FORMATION OF ANTI-INSULIN ANTIBODIES IGG IN DIABETIC PATIENTS TREATED WITH CONVENTIONAL INSULIN MONOCOMPONENT OR MONOSPECIFIC] WEBER HU, SOURISSEAU D, ZAHND GR *HELV MED ACTA* 37: 367, MAY 1974 FRE

ACTION OF B-HYDROXY BUTYRATE, ACETOACETATE AND PALMITATE ON THE INSULIN RELEASE IN THE PERFUSED ISOLATED RAT PANCREAS. GOBERNA R, TAMARIT J JR, OSORIO J, FUSSGANGER R, TAMARIT J, PFEIFFER EF *HORM METAB RES* 6: 256-60, JUL 74 ENG

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EFFECTS OF HUMAN SOMATOMEDIN PREPARATIONS ON MEMBRANE TRANSPORT AND PROTEIN SYNTHESIS IN THE ISOLATED RAT DIAPHRAGM. UTHNE K, REAGAN CR, GIMPEL LP, KOSTYO JL *J CLIN ENDOCRINOL METAB* 39: 548-54, SEP 74 ENG

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PLASMA ADENOSINE 3,5-MONOPHOSPHATE IN ANTIINSULIN-TREATED RATS. DAS I *EXPERIENTIA* 30: 860, 15 AUG 74 ENG

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I.C.6 INSULIN RESISTANCE

[INSULIN SECRETION IN THE CLINICAL STAGES OF DIABETES (WITH GLUCOSE TOLERANCE TEST ABNORMALITIES)] VAGUE P, VAGUE J *JOURN ANNU DIABETOL HOTEL DIEU* 13: 55-65, 1972 FRE [45]

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[THE POSSIBLE ROLE OF ADIPOSE TISSUE IN INSULIN RESISTANCE AND IN THE PHYSIOPATHOLOGY OF OBES DIABETICS] GUY-GRAND B, BOUR H *JOURN ANNU DIABETOL HOTEL DIEU* 13: 81-92, 1972 FRE [47]

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INSULIN RESISTANCE, SKIN CHANGES, AND VIRILIZATION: A RECESSIVELY INHERITED SYNDROME POSSIBLY DUE TO PINEAL GLAND DYSFUNCTION. BARNES ND, PALUMBO PJ, HAYLES AB, FOLGAR H *DIABETOLOGIA* 10: 285-9, AUG 74 ENG

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I.C.7 INSULIN, THERAPY RELATED

I.C.7.1 INSULIN, DIAGNOSTIC USE

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1.D GLUCAGON

SLEEP-ASSOCIATED GROWTH HORMONE (GH) RELEASE IN SCHIZOPHRENIA. VIGNERI R, PEZZINO V, SQUATRITO S, CALANDRA A, MARICCHIOLO M *NEUROENDOCRINOLOGY* 14: 356-61, 1974 ENG

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1.C.7.2 INSULIN ADMINISTRATION AND DOSAGE (SEE 1.F.9.3.1)

1.C.7.3 INSULIN, THERAPEUTIC USE (SEE 1.F.9.3.2)

1.C.8 INSULIN, HISTORY

1.D GLUCAGON

[INSULIN, GLUCAGON, SOMATOTROPIC HORMONE] DEROT M, PIGNARD P *JOURN ANNU DIABETOL HOTEL DIEU* 13: 7-11, 1972 FRE

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1.D.1 GLUCAGON, BIOCHEMISTRY RELATED

1.D.1.1 GLUCAGON, ANALYSIS

[AN IMMUNOCYTOLOGICAL STUDY OF DIFFERENTIATION OF THE ENDOCRINE PANCREAS OF THE CHICK EMBRYO. II. GLUCAGON] BEAUPAIN D, DIETERLEN-LIEVRE F *GEN COMP ENDOCRINOL* 23: 421-31, AUG 74 FRE

[CHEMISTRY OF GASTROINTESTINAL HORMONES] WUNSCH E *HELV MED ACTA* 37: 307-20, MAY 1974 GER

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1.D.1.2 GLUCAGON, METABOLISM

[ENTEROGLUCAGON] MULLER WA *HELV MED ACTA* 37: 321-30, MAY 1974 GER

[GLUCAGON AND ENERGETIC SUBSTRATES] LEFEBVRE P, LUYCKX A *JOURN ANNU DIABETOL HOTEL DIEU* 13: 93-107, 1972 FRE [62]

[WHAT IS THE PHYSIOPATHOLOGICAL IMPORTANCE OF GLUCAGON SECRETION] ASSAN R, TIENGO A *JOURN ANNU DIABETOL HOTEL DIEU* 13: 109-18, 1972 FRE [46]

EFFECT OF L8027, A NEW POTENT INHIBITOR OF PROSTAGLANDIN BIOSYNTHESIS, ON THE METABOLISM AND RESPONSE TO GLUCAGON OF RAT ADIPOSE TISSUE. LEFEBVRE PJ, LUYCKX AS *BIOCHEM PHARMACOL* 23: 2119-25, AUG 74 ENG

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1.D.1.3 GLUCAGON, BLOOD

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[GLUCAGON AND ENERGETIC SUBSTRATES] LEFEBVRE P, LUYCKX A *JOURN ANNU DIABETOL HOTEL DIEU* 13: 93-107, 1972 FRE [62]

[WHAT IS THE PHYSIOPATHOLOGICAL IMPORTANCE OF GLUCAGON SECRETION] ASSAN R, TIENGO A *JOURN ANNU DIABETOL HOTEL DIEU* 13: 109-18, 1972 FRE [46]

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EFFECT OF GLUCAGON: INSULIN RATIOS ON HEPATIC METABOLISM. PARRILLA R, GOODMAN MN, TOEWS CJ *DIABETES* 23: 725-31, SEP 74 ENG

EFFECTS OF VAGAL STIMULATION ON GLUCAGON AND INSULIN SECRETION. KANETO A, MIKI E, KOSAKA K *ENDOCRINOLOGY* 95: 1005-10, OCT 74 ENG

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PLASMA GLUCAGON IN NONKETOTIC HYPEROSMOLAR COMA. LINDSEY CA, FALOONA GR, UNGER RH *JAMA* 229: 1771-3, 23 SEP 74 ENG

THE EFFECT OF TRUNCAL AND SELECTIVE VAGOTOMY ON THE RELEASE OF PANCREATIC GLUCAGON, INSULIN AND ENTEROGLUCAGON. RUSSELL RC, THOMSON JP, BLOOM SR *BR J SURG* 61: 821-4, OCT 74 ENG

TOLBUTAMIDE AND GLUCAGON SECRETION. LOUBATIERES AL, LOUBATIERES-MARIANI MM, ALRIC R, RIBES G *DIABETOLOGIA* 10: 271-6, AUG 74 ENG

1.D.2 GLUCAGON, PHYSIOLOGY RELATED

1.D.2.1 GLUCAGON, PHYSIOLOGY

[THE ENDOCRINE FUNCTION OF THE PANCREAS: INSULIN AND GLUCAGON, THEIR BIOSYNTHESIS, SECRETION AND METABOLIC ROLE] SZYBINSKI Z *PRZEGŁ LEK* 31: SUPPL063-6, 1974 POL

1.D.2.2 GLUCAGON, SECRETION

[ENTEROGLUCAGON] MULLER WA *HELV MED ACTA* 37: 321-30, MAY 1974 GER

[GLUCAGON AND ENERGETIC SUBSTRATES] LEFEBVRE P, LUYCKX A *JOURN ANNU DIABETOL HOTEL DIEU* 13: 93-107, 1972 FRE [62]

[SOME ASPECTS OF CARBOHYDRATE METABOLISM IN PATIENTS WITH DUMPING SYNDROME] LUBCZYNSKA-KOWALSKA W *POL TYG LEK* 29: 1447-50, 19 AUG 74 POL [32]

[THE ENDOCRINE FUNCTION OF THE PANCREAS: INSULIN AND GLUCAGON, THEIR BIOSYNTHESIS, SECRETION AND METABOLIC ROLE] SZYBINSKI Z *PRZEGŁ LEK* 31: SUPPL063-6, 1974 POL

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EFFECTS OF VAGAL STIMULATION ON GLUCAGON AND INSULIN SECRETION. KANETO A, MIKI E, KOSAKA K *ENDOCRINOLOGY* 95: 1005-10, OCT 74 ENG

SYNTHESIS AND SECRETION OF INSULIN IN DYNAMIC PERFUSION SYSTEMS. GRODSKY GM, SANDO H, LEVIN S, GERICH J, KARAM J *ADV METAB DISORD* 7: 155-70, 1974 ENG [28]

THE EFFECT OF TRUNCAL AND SELECTIVE VAGOTOMY ON THE RELEASE OF PANCREATIC GLUCAGON, INSULIN AND ENTEROGLUCAGON. RUSSELL RC, THOMSON JP, BLOOM SR *BR J SURG* 61: 821-4, OCT 74 ENG

TOLBUTAMIDE AND GLUCAGON SECRETION. LOUBATIERES AL, LOUBATIERES-MARIANI MM, ALRIC R, RIBES G *DIABETOLOGIA* 10: 271-6, AUG 74 ENG

1.D.3 GLUCAGON, PHARMACOLOGY RELATED

1.D.3.1 GLUCAGON, ADMINISTRATION AND DOSAGE

1.D GLUCAGON

- [EFFECT OF INTERMITTENT GLUCAGON DOSES ON BLOOD CIRCULATION IN THE EARLY POSTOPERATIVE PHASE AFTER HEART SURGERY] HEMPELMANN G, ARDALAN H, PIEPENBROCK S, HELMS U, WESTERMANN C *Z KARDIOL* 63: 511-20, JUN 74 GER
- [GLUCAGON IN THERAPY] RATHERY M *JOURN ANNU DIABETOL HOTEL DIEU* 13: 119-23, 1972 FRE [0]
- ACTIVATION OF GLYCOGENOLYSIS IN PERFUSED RAT LIVERS BY GLUCAGON AND METABOLIC INHIBITORS. JAKOB A, DIEM S *BIOCHIM BIOPHYS ACTA* 362: 469-79, 8 OCT 74 ENG
- EFFECT OF GLUCAGON ON BLOOD ELECTROLYTES AND GLUCOSE LEVELS IN MAN. KOBIELSKI J, CZERNIAKOWSKA K, SOKOT-KOBIELSKA E, HOSZOWSKI K *ANAESTH RESUSC INTENSIVE THER* 1: 195-201, JUL-SEP 73 ENG
- THE EFFECT OF GLUCAGON ON ADENOSINE 3,5-MONOPHOSPHATE (CYCLIC AMP), GLUCOSE, INSULIN AND GROWTH HORMONE IN THE FULL TERM NEWBORN AND CHILDREN. LINARELLI LG, BOBIK C, BOBIK J, DRASH AL, RUBIN HM *J CLIN ENDOCRINOL METAB* 39: 411-7, SEP 74 ENG
- USE OF GLUCAGON IN THE TREATMENT OF ACUTE DIVERTICULITIS. DANIEL O, BASU PK, AL-SAMARRAE HM *BR MED J* 3: 720-2, 21 SEP 74 ENG
- ## 1.D.3.2 GLUCAGON, PHARMACODYNAMICS
- [DIABETES MELLITUS IN ACUTE AND CHRONIC PANCREATITIS (AUTHORS TRANSL)] STROHMAYER G, GOTTESBUREN H, BEHR C *DTSCH MED WOCHENSCHR* 99: 1481-8, 12 JUL 74 GER
- [EFFECT OF INTERMITTENT GLUCAGON DOSES ON BLOOD CIRCULATION IN THE EARLY POSTOPERATIVE PHASE AFTER HEART SURGERY] HEMPELMANN G, ARDALAN H, PIEPENBROCK S, HELMS U, WESTERMANN C *Z KARDIOL* 63: 511-20, JUN 74 GER
- [ENDOCRINE SECRETORY DISORDERS IN CHRONIC PANCREATITIS (AUTHORS TRANSL)] GRABNER W, PHILLIP J, MAYER A, DANIEL U, MATZKIES F *DTSCH MED WOCHENSCHR* 99: 445-8, 8 MAR 74 GER
- [GLUCAGON AND RENAL FUNCTION] SQUADRITO G, CERUSO D, FRISINA N, DANDREA-PETRELLI L, BELLINGHERI G *BOLL SOC ITAL BIOL SPER* 49: 1296-302, 30 NOV 73 ITA
- ACTIVATION OF GLYCOGENOLYSIS IN PERFUSED RAT LIVERS BY GLUCAGON AND METABOLIC INHIBITORS. JAKOB A, DIEM S *BIOCHIM BIOPHYS ACTA* 362: 469-79, 8 OCT 74 ENG
- CANDIDATE HORMONES OF THE GUT. XIV. ENTEROGLUCAGON. SASAKI H, FALOONA GR, UNGER RH *GASTROENTEROLOGY* 67: 746-8, OCT 74 ENG [25]
- DIFFERENT EFFECTS OF HORMONAL PEPTIDES AND CYCLIC ADENOSINE 3,5-MONOPHOSPHATE ON COLONIC TRANSPORT IN VITRO. YAU WM, MAKHLIOUF GM *GASTROENTEROLOGY* 67: 662-7, OCT 74 ENG
- EFFECT OF GLUCAGON ON BLOOD ELECTROLYTES AND GLUCOSE LEVELS IN MAN. KOBIELSKI J, CZERNIAKOWSKA K, SOKOT-KOBIELSKA E, HOSZOWSKI K *ANAESTH RESUSC INTENSIVE THER* 1: 195-201, JUL-SEP 73 ENG
- EFFECT OF GLUCAGON, DIBUTYRYL ADENOSINE 3,5-CYCLIC MONOPHOSPHATE AND PHOSPHODIESTERASE INHIBITORS ON RAT LIVER PHOSPHORYLASE ACTIVITY AND ADENOSINE 3,5-CYCLIC MONOPHOSPHATE LEVELS. INGEBRETSEN C, CLARK JF, ALLEN DO, ASHMORE J *BIOCHEM PHARMACOL* 23: 2139-46, AUG 74 ENG
- EFFECT OF GLUCAGON: INSULIN RATIOS ON HEPATIC METABOLISM. PARRILLA R, GOODMAN MN, TOEWS CJ *DIABETES* 23: 725-31, SEP 74 ENG
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- [CHANGES OF SERUM MAGNESIUM IN DIABETES MELLITUS]** GLIGORE V, BOERIU IN, HINCU N, SOPON E, CAPRIOARA M *ED INTERNA (BUCUR)* 26: 745-52, JUN 74 RUM
- [DIABETES MELLITUS IN ACUTE AND CHRONIC PANCREATITIS (AUTHORS TRANSL.)** STROHMAYER G, GOTTESBURNER H, BEHR C *DTSC MED WOCHENSCHR* 99: 1481-8, 12 JUL 74 GER
- [INFLUENCE OF GLUCOSE BLOOD LEVEL ON THE HUMAN PLASMA INHIBITOR-ALPHA 2 (AUTHORS TRANSL.)** VARGAS L, FAERMAN I, CHARLIN M, BAKOVIC V *ARCH BIOL MED EXP (SANTIAGO)* 6: 54-7, MAR-NOV 69 SPA
- [INSULIN SECRETION, MEASURED BY INTRAPORTAL AND PERIPHERAL INSULIN DETERMINATIONS, IN NORMAL AND DIABETIC SUBJECTS]** BLACKARD WG, NELSON NC *JOURN ANNU DIABETOL HOTEL DIEU* 13: 41-6, 1972 FRE
- [LABORATORY DIAGNOSTIC TESTS OF EARLY PERIOD OF DIABETES]** SIERADZKI J *PRZEGIL LEK* 31: SUPPL070-4, 1974 POL
- [MICRORHEOLOGIC BEHAVIOR OF BLOOD IN DIABETES MELLITUS]** VOLGER E, SCHMID-SCHONBEIN H *MED WELT* 25: 1211-3, 12 JUL 74 GER
- [PHYSICO-CHEMICAL PROPERTIES OF BLOOD AND FUNCTIONAL STATE OF THE LIVER IN DIABETES MELLITUS]** OVCHARENKO LI *VRACH DELO* 0: 70-3, AUG 74 RUS
- [THE CONTINUOUS MEASUREMENT OF PLATELET AGGREGATION WITHOUT ADDITION OF AGGREGATION STIMULATORS. I. METHODS AND CLINICAL RESULTS]** JAGER W, KUTSCHERA J, WENDEBERG H, KAUSCHMANN R, RIESE W, PIETSCH U, BERGER E, BENNETT C *BLUT* 29: 184-94, SEP 74 GER
- [THE CONTRIBUTION OF ISOLATED RABBIT LIVER PERFUSION TO THE STUDY OF INSULIN ACTION ON CARBOHYDRATE METABOLISM OF THE LIVER]** DORNER M, BROGARD JM, HAEGELE P, STAHL J *JOURN ANNU DIABETOL HOTEL DIEU* 13: 173-86, 1972 FRE [47]
- ADENOSINE DIPHOSPHATE-INDUCED PLATELET AGGREGATION OF HOSPITALIZED MEN.** DAVIS JW, YUE KT, PHILLIPS PE, MCFIELD JR *SCAND J HAEMATOL* 13: 17-23, 1974 ENG
- CARBOHYDRATE INTOLERANCE IN IDIOPATHIC HAEMOCHROMATOSIS AND CIRRHOSIS OF THE LIVER.** STOCKS AE, POWELL LW *Q J MED* 42: 733-49, OCT 73 ENG
- CYCLIC ADENOSINE MONOPHOSPHATE AND CLINICAL MEDICINE. 2. CARBOHYDRATE AND LIPID METABOLISM.** KEIRNS JJ, FREEMAN J, BITENSKY MW *AM J MED SCI* 268: 62-91, AUG 74 ENG
- DIABETES MELLITUS—A DISEASE OF PANCREATIC AND EXTRAPANCREATIC ORIGIN.** CERASI E, LUFT R *ADV METAB DISORD* 7: 193-212, 1974 ENG [53]
- DIAGNOSTIC VALUE OF THE PAS-POSITIVE LYMPHOCYTE INDEX IN DIABETES. SER I, CZITRON B *ISR J MED SCI* 10: 486-9, MAY 74 ENG**
- EXPERIMENTAL PRODUCTION OF DIABETES MELLITUS BY A NONENDOCRINAL APPROACH.** BANERJEE RN, RAO S, BARDHAN J *NATURE* 251: 51-3, 6 SEP 74 ENG
- GLUCOSE, PYRUVATE AND CITRATE CONCENTRATIONS IN THE AQUEOUS HUMOUR OF HUMAN CATARACTOUS EYES.** LAURSEN AB, LORENTZEN SE *ACTA OPHTHALMOL (KBH)* 52: 477-89, 1974 ENG
- GROWTH HORMONE AND DIABETES IN MAN. OLD CONCEPTS—NEW IMPLICATIONS.** LUFT R, GUILLEMIN R *DIABETES* 23: 783-7, SEP 74 ENG
- INCREASED BETA-N-ACETYL-GLUCOSAMINIDASE ACTIVITY IN DIABETES MELLITUS.** BELFIORE F, VECCHIO LL, NAPOLI E, BORZI V *CLIN CHEM* 20: 1229-30, SEP 74 ENG
- LIPOPROTEINS AND LIPIDS IN DIABETICS WITH AND WITHOUT CORONARY HEART DISEASE.** WILLE LE, AARSETH S *J OSLO CITY HOSP* 24: 113-27, SEP 74 ENG
- OXYGEN AFFINITY OF WHOLE BLOOD IN VIVO AND UNDER STANDARD CONDITIONS IN SUBJECTS WITH DIABETES MELLITUS.** ARTURSON G, GARBY L, ROBERT M, ZAAR B *SCAND J CLIN LAB INVEST* 34: 19-22, SEP 74 ENG
- SERUM GONADOTROPINS (LH AND FSH) AND THEIR RESPONSE TO SYNTHETIC LHRH IN DIABETIC MEN WITH AND WITHOUT IMPOTENCE.** RASTOGI GK, CHAKRABORTI J, SINHA MK *HORM METAB RES* 6: 335-6, JUL 74 ENG
- SORBITOL METABOLISM IN THE RETINA: ACCUMULATION OF PATHWAY INTERMEDIATES IN STREPTOZOTOCIN INDUCED DIABETES IN THE RAT.** HUTTON JC, SCHOFIELD PJ, WILLIAMS JF, HOLLOWES FC *AUST J EXP BIOL MED SCI* 52: 361-73, APR 74 ENG
- STRESS, INSULIN ANTAGONIST AND TRANSIENT DIABETES MELLITUS IN THE RAT.** VARGES L, BRONFMAN M, KAWADA ME *HORM METAB RES* 6: 275-80, JUL 74 ENG
- STUDY OF GENETIC MARKERS IN BRONCHIAL ASTHMA AND DIABETES MELLITUS.** KSENOFONTOV YP *SOV GENET* 8: 648-50, 1 JUN 74 ENG
- THE DIPHASIC EFFECTS OF PROTEASES ON SERUM COMPLEMENT.** INNERFIELD I *AGENTS ACTIONS* 4: 160-2, AUG 74 ENG
- THE MAURIAC SYNDROME.** NAJJAR S, AYASH MA *COMMUN BEHAV BIOL* 13: 723-5, SEP 74 ENG
- ## 1.F.3.4 DIABETES, URINE
- INCREASED BETA-N-ACETYL-GLUCOSAMINIDASE ACTIVITY IN DIABETES MELLITUS.** BELFIORE F, VECCHIO LL, NAPOLI E, BORZI V *CLIN CHEM* 20: 1229-30, SEP 74 ENG
- THE MAURIAC SYNDROME.** NAJJAR S, AYASH MA *COMMUN BEHAV BIOL* 13: 723-5, SEP 74 ENG
- ## 1.F.4 DIABETES, PHYSIOPATHOLOGY
- [ENDOGENOUS INSULIN RESERVE IN JUVENILE DIABETICS AS A CRITERION FOR THERAPY]** RITTERMAN I, DORON M, KARP M, LARON Z *HAREFUH* 87: 50-3, 15 JUL 74 HEB
- [MICRORHEOLOGIC BEHAVIOR OF BLOOD IN DIABETES MELLITUS]** VOLGER E, SCHMID-SCHONBEIN H *MED WELT* 25: 1211-3, 12 JUL 74 GER
- [ORAL LESIONS IN MADAGASCAR DIABETICS]** ANDRIANJATOVO-RARISOA J *JOURN ANNU DIABETOL HOTEL DIEU* 13: 211-22, 1972 FRE
- [OVARIAN FUNCTION IN WOMEN OF REPRODUCTIVE AGE WITH DISTURBED TOLERANCE TO GLUCOSE]** MAIZEL EP, SAVCHENKO ON, KHRUSTALEVA GF, SOKOLOV EG, KONRADI LI *AKUSH GINEKOL (MOSK)* 0: 27-31, AUG 74 RUS
- [PHYSICO-CHEMICAL PROPERTIES OF BLOOD AND FUNCTIONAL STATE OF THE LIVER IN DIABETES MELLITUS]** OVCHARENKO LI *VRACH DELO* 0: 70-3, AUG 74 RUS
- [POLYNEUROPATHY AND MOTOR FIBER CONDUCTION VELOCITY IN CHILDREN AND ADOLESCENTS WITH DIABETES]** KAZIBUTOWSKA Z *NEUROL NEUROCHIR POL* 8: 519-24, JUL-AUG 74 POL
- [STATE OF THE CARDIOVASCULAR SYSTEM IN PATIENTS WITH DIABETES MELLITUS AND ITS DYNAMICS UNDER THE EFFECT OF COMPLEX TREATMENT AT THE ESSEN-**

1.F DIABETES

TUKI HEALTH RESORT] NANZIASHVILI IS, KRASHENTSA GM, GUSMAN RE *VOPR KURORTOL FIZIOTER LECH FIZ KULT* 0: 257-62, MAY-JUN 74 *RUS*

[SICR-EDITA AND ENDOGENOUS CREATINE CLEARANCE STUDIES] GARAS Z, KANYAR B, KOMOR K *Z GESAMTE INN MED* 29: 248-50, 15 MAR 74 *GER*

STRUCTURE AND FUNCTION OF THE ENDOCRINE CELL TYPES OF THE ISLETS. LACY PE *ADV METAB DISORD* 7: 171-82, 1974 *ENG* [14]

1.F.5 DIABETES, IMMUNOLOGY

[EDITORIAL: RADIOIMMUNOASSAY [AUTHORS TRANSL.] GIRARD J *PRAXIS* 63: 59-61, 22 JAN 74 *GER*

[PROCEEDINGS: FORMATION OF ANTI-INSULIN ANTIBODIES IGG IN DIABETIC PATIENTS TREATED WITH CONVENTIONAL INSULIN MONOCOMPONENT OR MONOSPECIFIC] WEBER HU, SOURISSEAU D, ZAHND GR *HELV MED ACTA* 37: 367, MAY 1974 *FRE*

[PROCEEDINGS: 2 YEARS OF EXPERIENCES WITH MONOCOMPONENT INSULIN IN DIABETIC PATIENTS] FANKHAUSER S, MICHL J, MORELL B *HELV MED ACTA* 37: 365-6, MAY 1974 *GER*

HL-A ANTIGENS AND DIABETES MELLITUS. NERUP J, PLATZ P, ANDERSEN OO, CHRISTY M, LYGSGOE J, POULSEN JE, RYDER LP, NIELSEN LS, THOMSEN M, SVEJGAARD A *LANCET* 2: 864-6, 12 OCT 74 *ENG*

PHAGOCYTOSIS: THE NORMAL PROCESS AND ITS CLINICALLY SIGNIFICANT ABNORMALITIES. WINKELSTEIN JA, DRACHMAN RH *PEDIATR CLIN NORTH AM* 21: 551-69, AUG 74 *ENG* [110]

THE GASTRIC ANTIBODIES (INTRINSIC FACTOR ANTIBODY AND PARITIAL CELL ANTIBODY) AND THEIR CLINICAL SIGNIFICANCES. (3). THYROID DISEASE, DIABETES MELLITUS, IRON DEFICIENCY ANEMIA AND ATOMIC BOMB SURVIVORS. FUJIMURA K *HIROSHIMA J MED SCI* 22: 265-97, SEP 73 *ENG*

1.F.6 DIABETES COMPLICATIONS AND PATHOLOGY

1.F.6.1 DIABETIC KETOACIDOSIS

1.F.6.1.1 ACIDOSIS, DIABETIC

RATIONALE FOR USE OF INTRAVENOUS GLUCOSE. KAHN MR *J ORAL SURG* 32: 465-6, JUN 74 *ENG*

[EXOCRINE PANCREATIC INSUFFICIENCY, NEUTROPENIA, METAPHYSEAL DYSOSTOSIS AND GROWTH RETARDATION (SHWACHMAN SYNDROME) WITH TRANSIENT DISTURBANCES OF CARBOHYDRATE METABOLISM] BEYREISS K *Z GESAMTE INN MED* 29: 337-9, 15 APR 74 *GER*

[INSULIN DEFICIENCY AND ITS METABOLIC SEQUELAE. LABORATORY DIAGNOSIS OF KETONIC ACIDOSIS] KIETA-FYDA A *PRZegl Lek* 31: SUPPL066-9, 1974 *POL*

[LACTIC ACIDOSIS PROVOKED BY ADRENALINE] MOLLER BB, KOLENDORF K *UGESKR LAEGER* 136: 2082-4, 9 SEP 74 *DAN*

[METABOLISM OF GLYCEROL] KHATTAB M, ABU ESSA H *JOURN ANNU DIABETOL HOTEL DIEU* 13: 197-204, 1972 *FRE*

DIABETIC ACIDOSIS AND ABNORMAL CHEST ROENTGENOGRAM. MYERSON PJ, MYERSON DA, LAWSON JP *CHEST* 66: 434-5, OCT 74 *ENG*

EDITORIAL: INSULIN: RATES AND ROUTES OF DELIVERY. FELIG P *N ENGL J MED* 291: 1031-2, 7 NOV 74 *ENG*

LETTER: DIABETIC KETOACIDOSIS. SONKSEN PH *N ENGL J MED* 291: 1034, 7 NOV 74 *ENG*

LETTER: LACTIC ACIDOSIS AND BIGUANIDES. HARDING AP *NZ MED J* 80: 31, 10 JUL 74 *ENG*

LETTER: NON-COMATOSE DIABETIC COMA. TODD JW *BR MED J* 3: 471, 17 AUG 74 *ENG*

METABOLIC AND HORMONAL EFFECTS OF EXERCISE IN THE SEVERELY STREPTOZOTOCIN-DIABETIC RAT. KOIVISTO VA, AKERBLOM HK, KIVILUOTO MK *DIABETOLOGIA* 10: 329-35, AUG 74 *ENG*

PREVENTION AND CORRECTION OF FETAL ACIDOSIS AND HYPOXIA. SEEDS AE, ESCARCENA L *CLIN OBSTET GYNECOL* 17: 115-34, SEP 74 *ENG* [24]

THREE CASES OF ACUTE KETOTIC DIABETES MELLITUS WITH MYOCARDITIS: A COMMON VIRAL ORIGIN GIBBS P *BR MED J* 3: 781-3, 28 SEP 74 *ENG*

1.F.6.1.2 DIABETIC COMA

[HYPOKALEMIC HYPEROSMOLAR DIABETIC COMA. INITIAL MANIFESTATION OF JUVENILE DIABETES] AGUADO MATORRAS A, DE FRUTOS ARRANZ M, CASTANEDA CASADO J, MENENDEZ BERNAL F *REV ESP ANESTESIOLOG REANIM* 21: 429-43, JUL 74 *SPA*

CONDYLOCEPHALIC NAIL FIXATION FOR TROCHANTERIC FRACTURES OF THE FEMUR: SURGICAL TECHNIQUE AND COMPLICATIONS. COLLADO HERRERO F, VILA BRICHES J, BELTRAN JE *ORTHOP CLIN NORTH AM* 5: 669-78, OCT 74 *ENG*

LETTER: DIABETIC KETOACIDOSIS PRESENTING AS NEUROSURGICAL EMERGENCIES. PRESTON FE, TIMPERLEY WR, WARD JD *BR MED J* 3: 341-2, 3 AUG 74 *ENG*

LETTER: DIABETIC KETOACIDOSIS. SONKSEN PH *N ENGL J MED* 291: 1034, 7 NOV 74 *ENG*

LETTER: NON-COMATOSE DIABETIC COMA. TODD JW *BR MED J* 3: 471, 17 AUG 74 *ENG*

PLASMA GLUCAGON IN NONKETOTIC HYPEROSMOLAR COMA. LINDSEY CA, FALOONA GR, UNGER RH *JAMA* 229: 1771-3, 23 SEP 74 *ENG*

VACUOLATED ERYTHROBLASTS IN HYPEROSMOLAR COMA. LEHANE DE *ARCH INTERN MED* 134: 763-5, OCT 74 *ENG*

1.F.6.2 DIABETIC ANGIOPATHIES

CHEMICAL COMPOSITION OF ATHEROSCLEROTIC LESIONS OF AORTAS FROM PIGEONS WITH NATURALLY OCCURRING OR CHOLESTEROL-AGGRAVATED ATHEROSCLEROSIS. ST CLAIR RW, TOMA JJ JR, LOFLAND HB *PROC SOC EXP BIOL MED* 146: 1-7, MAY 74 *ENG*

OXIDATION OF PALMITYL-COA TO CO₂ BY NORMAL AND ATHEROSCLEROTIC AORTIC MITOCHONDRIA. HASHIMOTO S, DAYTON S *LIFE SCI* 14: 945-55, 1 MAR 74 *ENG*

LIPID DEPOSITS IN AGEING HUMAN ARTERIES, TENDONS AND FASCIA. ADAMS CW, BAYLISS OB, BAKER RW, ABDULLA YH, HUNTER-CRAIG CJ *ATHEROSCLEROSIS* 19: 429-40, MAY-JUN 74 *ENG*

SERUM LIPOPROTEINS IN PIGS ON HIGH-CHOLESTEROL-HIGH-TRIGLYCERIDE DIETS. CALVERT GD, SCOTT PJ *ATHEROSCLEROSIS* 19: 485-92, MAY-JUN 74 *ENG*

MORPHOLOGY OF CHOLESTERYL ESTER-RICH INCLUSIONS IN LESIONS OF ATHEROSCLEROSIS IN MAN. INSULL W JR, HATA Y, MEAKIN JD, MARCHANT L, ANDREWS CW, BUZEK B *ATHEROSCLEROSIS* 19: 555-60, MAY-JUN 74 *ENG*

SYNTHESIS OF LIPID BY FOAM CELLS IN ATHEROSCLEROTIC LESIONS. DAY AJ *VERH DTSCH GES INN MED* 79: 1474-5, 1973 *ENG*

CORONARY ARTERY DISEASE IN YOUNG PATIENTS: ARTERIOGRAPHIC AND CLINICAL REVIEW OF 40 CASES AGED 35 AND UNDER. DAVIA JE, HALLAL FI, CHEITLIN MD, GREGORATOS G, MCCARTY R, FOOTE W *AM HEART J* 87: 689-96, JUN 74 *ENG*

THE CAUSE OF ARTERIAL DISEASE. STANTON GA *AM HEART J* 87: 796-8, JUN 74 *ENG*

RECENT ADVANCES IN MOLECULAR PATHOLOGY. REGRESSION OF ATHEROSCLEROSIS--A PERSPECTIVE. PRICHARD RW *EXP MOL PATHOL* 20: 407-11, JUN 74 *ENG*

IMMUNOLOGICAL ENHANCEMENT OF ATHEROGENESIS IN RABBITS. PERSISTENT SUSCEPTIBILITY TO ATHEROGENIC DIET FOLLOWING EXPERIMENTALLY INDUCED SERUM SICKNESS. LAMBERSON HV JR, FRITZ KE *ARCH PATHOL* 98: 9-16, JUL 74 *ENG*

SERUM LIPIDS OF YOUNG SHOW RACER AND WHITE CARNEAU PIGEONS FED A SEMIPURIFIED DIET WITH OR WITHOUT CHOLESTEROL. YOUNG F *J NUTR* 104: 719-25, JUN 74 *ENG*

[PRESENT-DAY PROBLEMS OF ARTERIOSCLEROSIS AND ITS CLINICAL ASPECTS] MICHAJLIK A *KARDIOL POL* 17: 101-4, 1974 *POL*

RELATION OF WEIGHT CHANGE TO CHANGES IN ATHEROGENIC TRAITS: THE FRAMINGHAM STUDY. ASHLEY FW JR, KANNEL WB *J CHRONIC DIS* 27: 103-14, MAR 74 *ENG*

[LIPIDS AND ATHEROSCLEROSIS] GONZALEZ SANTOS P, DE LA HIGUERA ROJAS J *REV CLIN ESP* 132: 387-98, 15 MAR 74 *SPA* [69]

PANEL DISCUSSION: THE POTENTIAL FOR PRIMARY AND SECONDARY PREVENTION IN CORONARY DISEASE. VALENTINE P, PALMER J, EDWARDS R, POLE D, NORRIS R *MED J AUST* 2: SUPPL027-8, 11 AUG 73 *ENG*

EPIDEMIOLOGIC RECONNAISSANCE OF HYPERTENSION IN THE BAHAMAS: WITH SPECIAL REFERENCE TO DEPOT FAT COMPOSITION AND ITS IMPLICATIONS IN RELATION TO CARDIOVASCULAR DISEASE PREVALENCE. LUNN JA, MIRIDJANI AN A, FONTARES P, JACOBS E, ROSEN S, CHRISTAKIS G *MT SINAI J MED NY* 41: 444-52, MAY-JUN 74 *ENG*

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[CHANGES IN THE PLASMA CONCENTRATION OF SOME LIPID FRACTIONS IN PATIENTS TREATED WITH ARTERIAL WALL EXTRACT] NATALE L *CLIN TER* 70: 17-62, 15 JUL 74 ITA

[CHANGES OF SERUM MAGNESIUM IN DIABETES MELLITUS] GLIGORE V, BOERIU IN, HINCU N, SOPON E, CAPRIOARA MED INTERNA (BUCUR) 26: 745-52, JUN 74 RUM

[CLINICAL PICTURE AND THERAPY OF PERIPHERAL ARTERIAL DISEASES] SCHOOP W *MED WELT* 25: 1189-93, 12 JUL 74 GER

[COMBINED TREATMENT OF DIABETIC RETINOPATHY AND ANGIOPATHY WITH STILBESTROL AND TESTOSTERONE] SZPILEWSKI S, LODYGOWSKA K *KLIN OCZNA* 44: 895-9, SEP 74 POL

[CONSERVATIVE TREATMENT OF PERFORATING ULCERS AND GANGRENE ON THE FEET BY DIABETICS WITH A DEPROTEINIZED EXTRACT OF VEAL BLOOD (AUTHORS TRANSL.) MONNARD P *PRAXIS* 63: 909-12, 30 JUL 74 FRE

[CONTROL OF DIABETES AND PREVENTION OF COMPLICATIONS] CONSTAM GR *JOURN ANNU DIABETOL HOTEL DIEU* 13: 313-20, 1972 FRE

[CURRENT POSITION IN THE TREATMENT OF ARTERIOSCLEROSIS] EMMRICH R *ZALTERNERSFORSCH* 28: 31-8, 1974 GER

[DECREASE OF THE INCORPORATION OF CHOLESTEROL-C 14 IN THE AORTA AFTER ADMINISTRATION OF DIMETHYLBIGUANIDE IN NORMAL RABBITS] LAFONTAN M, AGID R, MARQUIE G *C R ACAD SCI [D] (PARIS)* 278: 3103-5, 10 JUN 74 FRE

[EARLY DIAGNOSIS OF A VASCULAR LESION OF THE FUNDUS OCULI IN DIABETES BY MEANS OF FLUORESCENCE MICROANGIOGRAPHY] PURESKIN NP *VOEN MED ZH* 0: 37-9, JUL 74 RUS

[ETIOLOGIC FACTORS OF DIABETIC MICROANGIOPATHY] Anonymous *JOURN ANNU DIABETOL HOTEL DIEU* 13: 350-4, 1972 FRE

[IS THERE A POSSIBLE ROLE OF A GROWTH HORMONE HYPERSECRETION IN THE COURSE OF THE VASCULAR COMPLICATIONS OF DIABETES MELLITUS] LUNDBAEK K *JOURN ANNU DIABETOL HOTEL DIEU* 13: 161-72, 1972 FRE [22]

[MICROANGIOPATHIES (DIABETES, GOUT)] ALEXANDER K *MED WELT* 25: 1207-10, 12 JUL 74 GER

[PATHOGENETIC FACTORS IN DIABETIC ANGIOPATHY] FUCHS U *Z GESAMTE INN MED* 29: 353-63, 1 MAY 74 GER [108]

[THE PRINCIPAL ETIOLOGICAL FACTORS OF CORONARY DISEASE, A NEW METABOLIC CONCEPT] SODI-PALLARES D, PONCE DE LEON J *ARCH INST CARDIOL MEX* 44: 689-96, SEP-OCT 74 SPA

[THE TREATMENT OF DIABETIC ARTERITIS OF THE LOWER LIMBS BY TRIVASTAL] Anonymous *JOURN ANNU DIABETOL HOTEL DIEU* 13: 326-31, 1972 FRE

[USE OF ANABOLIC STEROIDS IN THERAPY] FOSSATI C *CLIN TER* 70: 169-202, 31 JUL 74 ITA [274]

ADENOSINE DIPHOSPHATE-INDUCED PLATELET AGGREGATION OF HOSPITALIZED MEN. DAVIS JW, YUE KT, PHILLIPS PE, MCFIELD JR *SCAND J HAEMATOL* 13: 17-23, 1974 ENG

AMPUTATIONS OF THE LOWER EXTREMITY: A STUDY OF 194 CASES. KERSTEIN MD, ZIMMER H, DUGDALE FE, LERNER E *ARCH PHYS MED REHABIL* 55: 454-9, OCT 74 ENG

CARBOHYDRATE INTOLERANCE IN IDIOPATHIC HAEMOCHROMATOSIS AND CIRRHOSIS OF THE LIVER. STOCKS AE, POWELL LW *Q J MED* 42: 733-49, OCT 73 ENG

CIRCADIAN VARIATIONS OF PLASMA CATECHOLAMINE, CORTISOL AND IMMUNOREACTIVE INSULIN CONCENTRATIONS IN SUPINE SUBJECTS. TURTON MB, DEEGAN T *CLIN CHIM ACTA* 55: 389-97, 30 SEP 74 ENG

DIABETIC CARDIOMYOPATHY. HAMBY RI, ZONERAICH S, SHERMAN L *JAMA* 229: 1749-54, 23 SEP 74 ENG

DIABETIC INFECTION, ULCERATION AND GANGRENE. RICE JS *J AM PODIATRY ASSOC* 64: 774-81, OCT 74 ENG

GROWTH HORMONE AND DIABETES IN MAN. OLD CONCEPTS-NEW IMPLICATIONS. LUFT R, GUILLEMIN R *DIABETES* 23: 783-7, SEP 74 ENG

LETTER: COMMENT ON PREVENTION OF DIABETIC ATHEROSCLEROSIS. HICKS WM *PEDIATRICS* 54: 522, OCT 74 ENG

METABOLIC CHARACTERISTICS OF THE CARBOHYDRATE-SENSITIVE BHE STRAIN OF RATS. BERDANIER CD *J NUTR* 104: 1246-56, OCT 74 ENG

NATURAL AND UNNATURAL HISTORY OF ACUTE CORONARY ARTERY DISEASE. MC-FADDEN RB, JAHNKE EJ JR, VOGEL JH *ADV CARDIOL* 11: 136-42, 1974 ENG

THE USE OF PHOTOPLETYSMOGRAPHY IN THE DIAGNOSIS OF DIABETIC ANGIOPATHY. OSTROWSKI K, KARNAFEL W, DRZYMIEN J *ACTA MED POL* 15: 79-84, 1974 ENG

1.F.6.3 DIABETIC NEPHROPATHIES

[MORPHOLOGIC ENTITIES IN GLOMERULAR PATHOLOGY] GRIFFEL B *HAREFUH* 87: 27-8, 1 JUL 74 HEB

[PATHOGENETIC FACTORS IN DIABETIC ANGIOPATHY] FUCHS U *Z GESAMTE INN MED* 29: 353-63, 1 MAY 74 GER [108]

DIABETIC RETINOPATHY. LEOPOLD IH *EYE EAR NOSE THROAT MON* 53: 412-8 CONTD, OCT 74 ENG

PANCREATIC ISLET TRANSPLANTATION. EFFECTS ON THE GLOMERULAR LESIONS OF EXPERIMENTAL DIABETES IN THE RAT. MAUER SM, SUTHERLAND DE, STEFFES MW, LEONARD RJ, NAJARIAN JS, MICHAEL AF, BROWN DM *DIABETES* 23: 748-53, SEP 74 ENG

VASCULAR BASEMENT MEMBRANE CHANGES IN DIABETIC RETINOPATHY. MONTGOMERY LECTURE, 1973. ASHTON N *BR J OPHTHALMOL* 58: 344-66, APR 74 ENG [124]

1.F.6.4 DIABETIC NEUROPATHIES

[CONTROL OF DIABETES AND PREVENTION OF COMPLICATIONS] CONSTAM GR *JOURN ANNU DIABETOL HOTEL DIEU* 13: 313-20, 1972 FRE

DIABETIC INFECTION, ULCERATION AND GANGRENE. RICE JS *J AM PODIATRY ASSOC* 64: 774-81, OCT 74 ENG

LETTER: DIABETIC AUTONOMIC NEUROPATHY. HEARD G *BR MED J* 3: 470, 17 AUG 74 ENG

NEURO-OPHTHALMOLOGY. ROSE FC *J R COLL PHYSICIANS LOND* 9: 79-86, OCT 74 ENG

ONE TO FIVE DAYS OF CONTINUOUS INTRAVENOUS INSULIN INFUSION ON SEVEN DIABETIC PATIENTS. SLAMA G, HAUTECOUVERTURE M, ASSAN R, TCHOBROUTSKY G *DIABETES* 23: 732-8, SEP 74 ENG

1.F.6.5 DIABETIC RETINOPATHY

[COMBINED TREATMENT OF DIABETIC RETINOPATHY AND ANGIOPATHY WITH STILBESTROL AND TESTOSTERONE] SZPILEWSKI S, LODYGOWSKA K *KLIN OCZNA* 44: 895-9, SEP 74 POL

[EARLY DIAGNOSIS OF A VASCULAR LESION OF THE FUNDUS OCULI IN DIABETES BY MEANS OF FLUORESCENCE MICROANGIOGRAPHY] PURESKIN NP *VOEN MED ZH* 0: 37-9, JUL 74 RUS

[INTRASCLERAL DIATHERMOCOAGULATION IN PROLIFERATING DIABETIC RETINOPATHY. PRELIMINARY REPORT] VRBA K *CESK OFTALMOL* 30: 348-50, SEP 74 CZE

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- TROPHY OF BROWN FAT. KODISH ME, ALSEVER RN, BLOCK MB *METABOLISM* 23: 937-45, OCT 74 ENG
- CATECHOLAMINES: MEDIATOR OF THE HYPERMETABOLIC RESPONSE TO THERMAL INJURY. WILMORE DW, LONG JM, MASON AD JR, SKREEN RW, PRUITT BA JR *ANN SURG* 180: 653-69, OCT 74 ENG
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- THE PATHOGENESIS OF PANCREATIC ISLET CELL HYPERPLASIA AND INSULIN INSSENSITIVITY IN OBESITY. MAHLER RJ *ADV METAB DISORD* 7: 213-41, 1974 ENG [126]
- 5-GUANYLYLMIDODIPHOSPHATE, A POTENT ACTIVATOR OF ADENYLATE CYCLASE SYSTEMS IN EUKARYOTIC CELLS. LONDOS C, SALOMON Y, LIN MC, HARWOOD JP, SCHRAMM M, WOLFF J, ROBBELL M *PROC NATL ACAD SCI USA* 71: 3087-90, AUG 74 ENG
- ### 2.B.3.2 NOREPINEPHRINE
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2.B.4 ADRENALECTOMY

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2.B.5 ADRENAL DISORDERS

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2.C THYROID GLAND

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5-GUANYLYLIMIDODIPHOSPHATE, A POTENT ACTIVATOR OF ADENYLATE CYCLASE SYSTEMS IN EUKARYOTIC CELLS. LONDOS C, SALOMON Y, LIN MC, HARWOOD JP, SCHRAMM M, WOLFF J, ROBBELL M *PROC NATL ACAD SCI USA* 71: 3087-90, AUG 74 ENG

2.C.1 THYROID HORMONES

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2.C.2 THYROID ANTAGONISTS

2.C.3 THYROID DISORDERS

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2.D PARATHYROID GLANDS

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2.E.1.1 CORTICOTROPIN

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- PHOSPHORYLATION IN VITRO OF ADRENAL SUBCELLULAR PROTEINS BY ADENOSINE-3,5-MONOPHOSPHATE-DEPENDENT PROTEIN KINASE: EFFECT OF ACTH IN VIVO. ICHII S, MURAKAMI N, IKEDA A *ACTA ENDOCRINOL (KBH)* 75: 325-32, FEB 74 ENG
- SECRETION OF ACTH BY ISOLATED ANTERIOR PITUITARY CELLS: KINETICS OF STIMULATION OF CORTICOTROPIN-RELEASING FACTOR AND OF INHIBITION BY CORTICOSTERONE. SAYERS G, PORTANOVA R *ENDOCRINOLOGY* 94: 1723-30, JUN 74 ENG
- HORMONE-RECEPTOR INTERACTIONS. ADRENOCORTICOTROPIC HORMONE BINDING SITE INCREASE IN ISOLATED FAT CELLS BY PHENOXAZONES. LANG U, KARLAGANIS G, VOGEL R, SCHWYZER R *BIOCHEMISTRY* 13: 2626-33, 4 JUN 74 ENG
- [GROWTH HORMONE SECRETION AND DIABETIC SYNDROMES] ZAHND GR, NADEAU A, MUHLEND AHL KE VON *JOURN ANNU DIABETOL HOTEL DIEU* 13: 135-51, 1972 FRE [83]
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- DAILY CHANGES IN CONCENTRATION OF PANCREATIC AND SERUM INSULIN AND OF BLOOD GLUCOSE DURING 5 DAYS OF TREATMENT OF RATS WITH GROWTH HORMONE, ACTH, CORTISOL, DEXAMETHASONE, AND TOLBUTAMIDE ALONE AND IN COMBINATIONS. BATES RW, GARRISON MM *METABOLISM* 23: 947-65, OCT 74 ENG
- ENDOCRINE EVALUATION IN THALASSEMIA MAJOR. LASSMAN MN, OBRIEN RT, PEARSON HA, WISE JK, DONABEDIAN RK, FELIG P, GENEL M *ANN NY ACAD SCI* 232: 226-37, 1974 ENG
- SIMILAR EFFECTS OF CALITONIN, INSULIN AND SOMATOMEDIN A ON LIPOLYSIS AND UPTAKE OF CALCIUM AND GLUCOSE IN RAT ADIPOSE TISSUE IN VITRO. WERNER S, HALL K, LOW H *HORM METAB RES* 6: 319-25, JUL 74 ENG
- SIMULTANEOUS EVALUATION OF THE PITUITARY RESERVE OF GH, TSH, ACTH AND LH IN CHILDREN. SATO T, INOUE M, MASUYAMA T, SUZUKI Y, IZUMISAWA A *J CLIN ENDOCRINOL METAB* 39: 595-9, SEP 74 ENG
- STRESS, INSULIN ANTAGONIST AND TRANSIENT DIABETES MELLITUS IN THE RAT. VARGES L, BRONFMAN M, KAWADA ME *HORM METAB RES* 6: 275-80, JUL 74 ENG
- SURVIVAL AND GROWTH IN A WOMAN WITH UNTREATED HYPOTHALAMIC PANHYPOTITISM OF 21 YEARS DURATION. TOLIS G, CRUESS S, GOLDSTEIN M, FRIESEN HG, ROCHEFORT JG *CAN MED ASSOC J* 111: 553-6, 21 SEP 74 ENG
- 2.E.1.2 SOMATOTROPIN
- METABOLISM AND TRANSCAPILLARY ESCAPE RATE OF ALBUMIN IN ACROMEGALY. ROSSING N, PARVING HH, KORSGAARD O *SCAND J CLIN LAB INVEST* 33: 39-44, FEB 74 ENG
- EFFECT OF L-DOPA ON PLASMA GH, LH, FSH AND 11-OH-CS IN NORMAL ADULT SUBJECTS. DELITALA G, MASALA A, ROLANDI E *FOLIA ENDOCRINOL (ROMA)* 27: 279-89, JUN 74 ENG
- IRREVERSIBLE INHIBITION OF PITUITARY PROLACTIN AND GROWTH HORMONE SECRETION AND OF MAMMARY GLAND DEVELOPMENT IN MICE BY MONOSODIUM GLUTAMATE ADMINISTERED NEONATALLY. NAGASAWA H, YANAI R, KIKUYAMA S *ACTA ENDOCRINOL (KBH)* 75: 249-59, FEB 74 ENG
- CORTICOSTERONE, PROLACTIN, AND GROWTH HORMONE RESPONSES TO HANDLING AND NEW ENVIRONMENT IN THE RAT. BROWN GM, MARTIN JB *PSYCHOSOM MED* 36: 241-7, MAY-JUN 74 ENG
- THE EFFECT OF THYROTROPIN RELEASING HORMONE ON THE RELEASE OF THYROTROPIN AND OTHER PITUITARY HORMONES IN MAN UNDER BASAL CONDITIONS AND FOLLOWING ADRENERGIC BLOCKING AGENTS. NILSSON KO, THORELL JI, HOKFELT B *ACTA ENDOCRINOL (KBH)* 76: 24-34, MAY 74 ENG
- HUMAN PITUITARY GROWTH HORMONE: ISOLATION AND PROPERTIES OF TWO BIOLOGICALLY ACTIVE FRAGMENTS FROM PLASMIN DIGESTS. LI CH, GRAF L *PROC NATL ACAD SCI USA* 71: 1197-201, APR 74 ENG
- SYNTHESIS OF SOMATOSTATIN. IMMER HU, SESTANJ K, NELSON VR, GOTZ M *HELV CHIM ACTA* 57: 730-4, 27 APR 74 ENG
- STABILITY OF SECRETORY GRANULES CONTAINING GROWTH HORMONE AND PROLACTIN FROM BOVINE ANTERIOR PITUITARY GLAND. LEMAY A, LABRIE F, DROUIN D *CAN J BIOCHEM* 52: 327-35, APR 74 ENG
- RADIOIMMUNOASSAY OF RABBIT GROWTH HORMONE. MCINTYRE HB, ODELL WD, REICHERT LE *ENDOCRINOLOGY* 94: 1568-76, JUN 74 ENG
- THYROTROPIN-RELEASING HORMONE STIMULATION AND SOMATOSTATIN INHIBITION OF GROWTH HORMONE SECRETION FROM PERFUSED RAT ADENOHYPOPHYSSES. CARLSON HE, MARIZ IK, DAUGHADAY WH *ENDOCRINOLOGY* 94: 1709-13, JUN 74 ENG
- STUDIES ON GROWTH HORMONE SECRETION. VI. EFFECTS OF DIBUTYRYL CYCLIC AMP, PROSTAGLANDIN E₁, AND INDOMETHACIN ON GROWTH AND HORMONE SECRETION BY RAT PITUITARY TUMOR CELLS IN CULTURE. HERTELENDY F, KEAY L *PROSTAGLANDINS* 6: 217-25, 10 MAY 74 ENG
- SOMATOSTATIN. TOTAL SOLID PHASE SYNTHESIS. RIVIER JE *J AM CHEM SOC* 96: 2986-92, 1 MAY 74 ENG
- EFFECTS OF A PROLONGED 3-HOUR SLEEP-WAKE CYCLE ON SLEEP STAGES, PLASMA CORTISOL, GROWTH HORMONE AND BODY TEMPERATURE IN MAN. WEITZMAN ED, NOGIERE C, PERLOW M, FUKUSHIMA D, SASSIN J, MCGREGOR P, HELLMAN L *J CLIN ENDOCRINOL METAB* 38: 1018-30, JUN 74 ENG
- DISSOCIATION OF GROWTH HORMONE AND CORTISOL RELEASE FOLLOWING APOMORPHINE. BROWN WA, KRIEGER DT, VAN WOERT MH, AMBANI LM *J CLIN ENDOCRINOL METAB* 38: 1127-30, JUN 74 ENG
- UNALTERED PLASMA GH LEVELS IN ACROMEGALICS AND NORMAL MEN AND WOMEN AFTER ADMINISTRATION OF (PYRO)GLU-SER-GLY-NH₂, A PROPOSED GH-RELEASING HORMONE. GONZALEZ-BARCENA D, KASTIN AJ, COY DH, GLICK S, SCHALCH DS, LEE LA, ARZAC JP, SCHALLY AV *J CLIN ENDOCRINOL METAB* 38: 1134-6, JUN 74 ENG
- HUMAN GROWTH HORMONE. A SYMPOSIUM. MACLAREN NK, CORNBATH M, RAITI S *AM J DIS CHILD* 127: 906-8, JUN 74 ENG
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- [GLYCO-REGULATION AND PREGNANCY] MORIN P, TESCHER M *SEM HOP PARIS* 50: 1323-6, 26 APR 74 FRE
- [GROWTH HORMONE SECRETION AND DIABETIC SYNDROMES] ZAHND GR, NADEAU A, MUHLEND AHL KE VON *JOURN ANNU DIABETOL HOTEL DIEU* 13: 135-51, 1972 FRE [83]
- [HORMONAL GLYCO-REGULATION DURING PREGNANCY. CORRELATIONS OF INSULIN, CORTISOL AND SOMATOMAMMOTROPIC CHORIONIC HORMONE] TESCHER M, MORIN P, ENGELMANN P *SEM HOP PARIS* 50: 1349-58, 26 APR 74 FRE
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- [INFLUENCE OF GLUCOSE BLOOD LEVEL ON THE HUMAN PLASMA INHIBITOR-ALPHA 2 (AUTHORS TRANSL)] VARGAS L, FAERMAN I, CHARLIN M, BAKOVIC V *ARCH BIOL MED EXP (SANTIAGO)* 6: 54-7, MAR-NOV 69 SPA
- [INSULIN, GLUCAGON, SOMATOTROPIC HORMONE] DEROT M, PIGNARD P *JOURN ANNU DIABETOL HOTEL DIEU* 13: 7-11, 1972 FRE
- [IS HYPERSECRETION OF GROWTH HORMONE INVOLVED IN THE ONSET OF ESSENTIAL DIABETES MELLITUS] TCHOBRUTSKY G *JOURN ANNU DIABETOL HOTEL DIEU* 13: 153-9, 1972 FRE [29]
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- ABNORMAL METABOLISM OF AMINO ACIDS IN URAEMIA. LUKE RG, REES ED, WINTERNITZ WW, BURCHETT T *PROC EUR DIAL TRANSPLANT ASSOC* 10: 152-9, 1973 ENG
- ADAPTATION TO FASTING IN BABOON. I. INFLUENCE OF FEEDING SCHEDULE. KOERKER DJ, GOODNER CJ, TOIVOLA PT, GALE CC, ENSINCK JW *AM J PHYSIOL* 227: 520-30, SEP 74 ENG
- ADRENOCORTICOTROPIC AND GROWTH HORMONE SECRETION. STUDIES DURING PNEUMOENCEPHALOGRAPHY. ALLEN JP,

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- KENDALL JW, MCGILVRA R, LAMORENA TL, CASTRO A *ARCH NEUROL* 31: 325-8, NOV 74 ENG
- BENIGN SYMMETRIC LIPOMATOSIS: FUNCTIONAL SYMPATHETIC DENERVATION OF ADIPOSE TISSUE AND POSSIBLE HYPERTROPHY OF BROWN FAT. KODISH ME, ALSEVER RN, BLOCK MB *METABOLISM* 23: 937-45, OCT 74 ENG
- CORRELATION BETWEEN THE EFFECTS OF HORMONES ON THE SYNTHESIS OF DNA IN EXPLANTS FROM INDUCED RAT MAMMARY TUMOURS AND THE GROWTH OF THE TUMOURS. LEWIS D, HALLOWES RC *J ENDOCRINOL* 62: 225-40, AUG 74 ENG
- CYCLIC ADENOSINE MONOPHOSPHATE AND CLINICAL MEDICINE. 2. CARBOHYDRATE AND LIPID METABOLISM. KEIRNS JJ, FREEMAN J, BITENSKY MW *AM J MED SCI* 268: 62-91, AUG 74 ENG
- DAILY CHANGES IN CONCENTRATION OF PANCREATIC AND SERUM INSULIN AND OF BLOOD GLUCOSE DURING 5 DAYS OF TREATMENT OF RATS WITH GROWTH HORMONE, ACTH, CORTISOL, DEXAMETHASONE, AND TOLBUTAMIDE ALONE AND IN COMBINATIONS. BATES RW, GARRISON MM *METABOLISM* 23: 947-65, OCT 74 ENG
- DIABETES MELLITUS--A DISEASE OF PANCREATIC AND EXTRAPANCREATIC ORIGIN. CERASI E, LUFT R *ADV METAB DISORD* 7: 193-212, 1974 ENG [55]
- DIURNAL PATTERNS OF PLASMA INSULIN, GROWTH HORMONE, CORTICOSTEROID AND METABOLITE CONCENTRATIONS IN FED AND FASTED SHEEP. BASSETT JM *AUST J BIOL SCI* 27: 167-81, APR 74 ENG
- EARLY CHANGES IN PLASMA INSULIN AND GROWTH HORMONE LEVELS AFTER FEEDING IN LAMBS AND ADULT SHEEP. BASSETT JM *AUST J BIOL SCI* 27: 157-66, APR 74 ENG
- ENDOCRINE EVALUATION IN THALASSEMIA MAJOR. LASSMAN MN, OBRIEN RT, PEARSON HA, WISE JK, DONABEDIAN RK, FELIG P, GENEL M *ANN NY ACAD SCI* 232: 226-37, 1974 ENG
- EVIDENCE THAT HEMODIALYSIS DOES NOT IMPROVE THE GLUCOSE TOLERANCE OF PATIENTS WITH CHRONIC RENAL FAILURE. SWENSON RS, WEISINGER J, REAVEN GM *METABOLISM* 23: 929-36, OCT 74 ENG
- FETAL BRAIN GROWTH: SELECTIVE ACTION BY GROWTH HORMONE. SARA VR, LAZARUS L, STUART MC, KING T *SCIENCE* 186: 446-7, 1 NOV 74 ENG
- GROWTH HORMONE AND DIABETES IN MAN. OLD CONCEPTS-NEW IMPLICATIONS. LUFT R, GUILLEMIN R *DIABETES* 23: 783-7, SEP 74 ENG
- GROWTH HORMONE SECRETION IN DIABETIC CHILDREN. OTTO-BUCZKOWSKA E, KOBOT F, KUSKA J *Z KINDERHEILKD* 117: 233-40, 1974 ENG
- INFLUENCE OF PROLONGED GLUCOSE INFUSIONS ON PLASMA INSULIN AND GROWTH HORMONE CONCENTRATIONS OF FOETAL LAMBS. BASSETT JM, MADILL D *J ENDOCRINOL* 62: 299-309, AUG 74 ENG
- L-DOPA INDUCED PLASMA GLUCAGON RELEASE. GEORGE DT, RAYFIELD EJ *J CLIN ENDOCRINOL METAB* 39: 618-21, SEP 74 ENG
- LEVELS OF PLASMA GROWTH HORMONE IN CHILDREN WITH CONGENITAL HEART DISEASE. FAHRER M, GRUNEIRO L, RIVAROLA M, BERGADA C *ACTA ENDOCRINOL (KBH)* 77: 451-9, NOV 74 ENG
- PROPERTIES AND SPECIFICITY OF BINDING SITES FOR 125I-NERVE GROWTH FACTOR IN EMBRYONIC HEART AND BRAIN. FRAZIER WA, BOYD LF, PULLIAM MW, SZUTOWICZ A, BRADSHAW RA *J BIOL CHEM* 249: 5918-23, 25 SEP 74 ENG
- SHORT-TERM EFFECTS OF OESTRADIOL BENZOATE IN NORMAL, HYPOPHYSECTOMIZED AND ALLOXAN-DIABETIC MALE RATS. GOODMAN MN, HAZELWOOD RL *J ENDOCRINOL* 62: 439-49, SEP 74 ENG
- SIMULTANEOUS EVALUATION OF THE PITUITARY RESERVE OF GH, TSH, ACTH AND LH IN CHILDREN. SATO T, INOUE M, MASUYAMA T, SUZUKI Y, IZUMISAWA A *J CLIN ENDOCRINOL METAB* 39: 595-9, SEP 74 ENG
- SLEEP-ASSOCIATED GROWTH HORMONE (GH) RELEASE IN SCHIZOPHRENIA. VIGNERI R, PEZZINO V, SQUATRITO S, CALANDRA A, MARICHILOLO M *NEUROENDOCRINOLOGY* 14: 356-61, 1974 ENG
- STRESS, INSULIN ANTAGONIST AND TRANSIENT DIABETES MELLITUS IN THE RAT. VARGES L, BRONFMAN M, KAWADA ME *HORM METAB RES* 6: 275-80, JUL 74 ENG
- SUBCUTANEOUS ADIPOSE TISSUE AND LIPIDS IN BLOOD IN GROWTH HORMONE DEFICIENCY BEFORE AND AFTER TREATMENT WITH HUMAN GROWTH HORMONE. BONNET F, VANDERSCHUEREN-LODEWEYCKX M, ECKELS R, MALVAUX P *PEDIATR RES* 8: 800-5, SEP 74 ENG
- SURVIVAL AND GROWTH IN A WOMAN WITH UNTREATED HYPOTHALAMIC PANHYPOTITARISM OF 21 YEARS DURATION. TOLIS G, CRUESS S, GOLDSTEIN M, FRIESEN HG, ROCHEFORT JG *CAN MED ASSOC J* 111: 553-6, 21 SEP 74 ENG
- THE EFFECT OF GLUCAGON ON ADENOSINE 3,5-MONOPHOSPHATE (CYCLIC AMP), GLUCOSE, INSULIN AND GROWTH HORMONE IN THE FULL TERM NEWBORN AND CHILDREN. LINARELLI LG, BOBIK C, BOBIK J, DRASH AL, RUBIN HM *J CLIN ENDOCRINOL METAB* 39: 411-7, SEP 74 ENG
- THE PATHOGENESIS OF PANCREATIC ISLET CELL HYPERPLASIA AND INSULIN INSENSITIVITY IN OBESITY. MAHLER RJ *ADV METAB DISORD* 7: 213-41, 1974 ENG [126]
- THE MAURIAC SYNDROME. NAJAR S, AYASH MA *COMMUN BEHAV BIOL* 13: 723-5, SEP 74 ENG
- TRANSSPHENOIDAL SUBTOTAL HYPOPHYSECTOMY IN THE TREATMENT OF ACROMEGALY. BOHMER T, BERDAL P, HAUGEN HN *ACTA ENDOCRINOL (KBH)* 77: 477-84, NOV 74 ENG
- 2.E.1.3 THYROTROPIN
- THE EFFECT OF THYROTROPIN RELEASING HORMONE ON THE RELEASE OF THYROTROPIN AND OTHER PITUITARY HORMONES IN MAN UNDER BASAL CONDITIONS AND FOLLOWING ADRENERGIC BLOCKING AGENTS. NILSSON KO, THORELL JI, HOKFELT B *ACTA ENDOCRINOL (KBH)* 76: 24-34, MAY 74 ENG
- UNALTERED PLASMA GH LEVELS IN ACROMEGALICS AND NORMAL MEN AND
- WOMEN AFTER ADMINISTRATION OF (PYRO)GLU-SER-GLY-NH₂, A PROPOSED GH-RELEASING HORMONE. GONZALEZ-BARCENA D, KASTIN AJ, COY DH, GLICK S, SCHALCH DS, LEE LA, ARZAC JP, SCHALLY AV *J CLIN ENDOCRINOL METAB* 38: 1134-6, JUN 74 ENG
- HUMAN GROWTH HORMONE. A SYMPOSIUM. MACLAREN NK, CORNBATH M, RAITI S *AM J DIS CHILD* 127: 906-8, JUN 74 ENG
- ENDOCRINE EVALUATION IN THALASSEMIA MAJOR. LASSMAN MN, OBRIEN RT, PEARSON HA, WISE JK, DONABEDIAN RK, FELIG P, GENEL M *ANN NY ACAD SCI* 232: 226-37, 1974 ENG
- SIMULTANEOUS EVALUATION OF THE PITUITARY RESERVE OF GH, TSH, ACTH AND LH IN CHILDREN. SATO T, INOUE M, MASUYAMA T, SUZUKI Y, IZUMISAWA A *J CLIN ENDOCRINOL METAB* 39: 595-9, SEP 74 ENG
- SURVIVAL AND GROWTH IN A WOMAN WITH UNTREATED HYPOTHALAMIC PANHYPOTITARISM OF 21 YEARS DURATION. TOLIS G, CRUESS S, GOLDSTEIN M, FRIESEN HG, ROCHEFORT JG *CAN MED ASSOC J* 111: 553-6, 21 SEP 74 ENG
- 2.E.1.4 GONADOTROPINS, PITUITARY
- EFFECT OF L-DOPA ON PLASMA GH, LH, FSH AND 11-OH-CS IN NORMAL ADULT SUBJECTS. DELITALA G, MASALA A, ROLANDI E *FOLIA ENDOCRINOL (ROMA)* 27: 279-89, JUN 74 ENG
- IRREVERSIBLE INHIBITION OF PITUITARY PROLACTIN AND GROWTH HORMONE SECRETION AND OF MAMMARY GLAND DEVELOPMENT IN MICE BY MONOSODIUM GLUTAMATE ADMINISTERED NEONATALLY. NAGASAWA H, YANAI R, KIKUYAMA S *ACTA ENDOCRINOL (KBH)* 75: 249-59, FEB 74 ENG
- CORTICOSTERONE, PROLACTIN, AND GROWTH HORMONE RESPONSES TO HANDLING AND NEW ENVIRONMENT IN THE RAT. BROWN GM, MARTIN JB *PSYCHOSOM MED* 36: 241-7, MAY-JUN 74 ENG
- THE EFFECT OF THYROTROPIN RELEASING HORMONE ON THE RELEASE OF THYROTROPIN AND OTHER PITUITARY HORMONES IN MAN UNDER BASAL CONDITIONS AND FOLLOWING ADRENERGIC BLOCKING AGENTS. NILSSON KO, THORELL JI, HOKFELT B *ACTA ENDOCRINOL (KBH)* 76: 24-34, MAY 74 ENG
- HUMAN PITUITARY GROWTH HORMONE: ISOLATION AND PROPERTIES OF TWO BIOLOGICALLY ACTIVE FRAGMENTS FROM PLASMIN DIGESTS. LI CH, GRAF L *PROC NATL ACAD SCI USA* 71: 1197-201, APR 74 ENG
- STABILITY OF SECRETORY GRANULES CONTAINING GROWTH HORMONE AND PROLACTIN FROM BOVINE ANTERIOR PITUITARY GLAND. LEMAY A, LABRIE F, DROUIN D *CAN J BIOCHEM* 52: 327-35, APR 74 ENG
- STIMULATION OF PROLACTIN RELEASE IN VIVO BY THYROTROPIN-RELEASING HORMONE (TRH) THROUGH DIRECT ACTION ON THE ECTOPIC RAT PITUITARY. PORTEUS SE, MALVEN PV *ENDOCRINOLOGY* 94: 1699-703, JUN 74 ENG
- UNALTERED PLASMA GH LEVELS IN ACROMEGALICS AND NORMAL MEN AND WOMEN AFTER ADMINISTRATION OF

2.E PITUITARY GLAND

(PYRO)GLU-SER-GLY-NH₂, A PROPOSED GH-RELEASING HORMONE. GONZALEZ-BARCENA D, KASTIN AJ, COY DH, GLICK S, SCHALCH DS, LEE LA, ARZAC JP, SCHALLY AV *J CLIN ENDOCRINOL METAB* 38: 1134-6, JUN 74 ENG

EFFECT OF HUMAN MENOPAUSAL GONADOTROPHIN ON AMINO ACID TRANSPORT IN THE PREPUBERTAL RAT OVARY. SELSTAM G, NILSSON L *ACTA PHYSIOL SCAND* 90: 798-800, APR 74 ENG

HUMAN GROWTH HORMONE. A SYMPOSIUM. MACLAREN NK, CORNBATH M, RAITI S *AM J DIS CHILD* 127: 906-8, JUN 74 ENG

[GLYCO-REGULATION AND PREGNANCY] MORIN P, TESCHER M *SEM HOP PARIS* 50: 1323-6, 26 APR 74 FRE

[HORMONAL GLYCO-REGULATION DURING PREGNANCY. CORRELATIONS OF INSULIN, CORTISOL AND SOMATOMAMMOTROPHIC CHORIONIC HORMONE] TESCHER M, MORIN P, ENGELMANN P *SEM HOP PARIS* 50: 1349-58, 26 APR 74 FRE

[NEPHROLOGY, HYPERTENSION, REPORT ON THE 80TH MEETING OF THE GERMAN SOCIETY FOR INTERNAL MEDICINE, WIESBADEN APR 21-25, 1974] Anonymous *Z KARDIOL* 63: 850-1, APR 74 GER

[SOMATOMAMMOTROPHIC CHORIONIC HORMONE AND GLYCO-REGULATION] TESCHER M, MORIN P, GUERIS J, TECHENET J, SERPEAU P, PAOLAGGI F *SEM HOP PARIS* 50: 1327-32, 26 APR 74 FRE

ADENOSINE 3:5-MONOPHOSPHATE AND HORMONE INTERRELATIONSHIPS IN THE MAMMARY GLAND OF THE RAT DURING PREGNANCY AND LACTATION. SAPAG-HAGAR M, GREENBAUM AL *EUR J BIOCHEM* 47: 303-12, 1 SEP 74 ENG

CORRELATION BETWEEN THE EFFECTS OF HORMONES ON THE SYNTHESIS OF DNA IN EXPLANTS FROM INDUCED RAT MAMMARY TUMOURS AND THE GROWTH OF THE TUMOURS. LEWIS D, HALLOWES RC *J ENDOCRINOL* 62: 225-40, AUG 74 ENG

DIFFUSION OF POLYMER GEL IMPLANTS. DAVIS BK *PROC NATL ACAD SCI USA* 71: 3120-3, AUG 74 ENG

ENDOCRINE EVALUATION IN THALASSEMIA MAJOR. LASSMAN MN, OBRIEN RT, PEARSON HA, WISE JK, DONABEDIAN RK, FELIG P, GENEL M *ANN NY ACAD SCI* 232: 226-37, 1974 ENG

SERUM GONADOTROPINS (LH AND FSH) AND THEIR RESPONSE TO SYNTHETIC LHRH IN DIABETIC MEN WITH AND WITHOUT IMPOTENCE. RASTOGI GK, CHAKRABORTI J, SINHA MK *HORM METAB RES* 6: 335-6, JUL 74 ENG

SIMULTANEOUS EVALUATION OF THE PITUITARY RESERVE OF GH, TSH, ACTH AND LH IN CHILDREN. SATO T, INOUE M, MASUYAMA T, SUZUKI Y, IZUMISAWA A *J CLIN ENDOCRINOL METAB* 39: 595-9, SEP 74 ENG

STRESS, INSULIN ANTAGONIST AND TRANSIENT DIABETES MELLITUS IN THE RAT. VARGES L, BRONFMAN M, KAWADA ME *HORM METAB RES* 6: 275-80, JUL 74 ENG

SURVIVAL AND GROWTH IN A WOMAN WITH UNTREATED HYPOTHALAMIC PANHYPOPITUITARISM OF 21 YEARS DURATION. TOLIS G, CRUESS S, GOLDSTEIN M, FRIESEN HG, ROCHEFORT JG *CAN MED ASSOC J* 111: 553-6, 21 SEP 74 ENG

2.E.2 PITUITARY HORMONES, POSTERIOR

[BEHAVIOR OF PLASMA FREE FATTY ACIDS UNDER LYSINAVASOPRESSIN, PROPRANOLOL AND PHENTOLAMINE] MORGNER KD, FISSAN H *VERH DTSCH GES INN MED* 79: 1296-8, 1973 GER

DIAGNOSTIC TECHNIQUES IN PREPARTAL FETAL EVALUATION. KELLY JV *CLIN OBSTET GYNECOL* 17: 53-82, SEP 74 ENG [239]

PREVENTION AND CORRECTION OF FETAL ACIDOSIS AND HYPOXIA. SEEDS AE, ESCARCENA L *CLIN OBSTET GYNECOL* 17: 115-34, SEP 74 ENG [24]

SURVIVAL AND GROWTH IN A WOMAN WITH UNTREATED HYPOTHALAMIC PANHYPOPITUITARISM OF 21 YEARS DURATION. TOLIS G, CRUESS S, GOLDSTEIN M, FRIESEN HG, ROCHEFORT JG *CAN MED ASSOC J* 111: 553-6, 21 SEP 74 ENG

2.E.3 PITUITARY HORMONES, INTERMEDIATE

[GROWTH HORMONE SECRETION AND DIABETIC SYNDROMES] ZAHND GR, NADÉAU A, MUHLENDIHL KE *VON JOURN ANNU DIABETOL HOTEL DIEU* 13: 135-51, 1972 FRE [83]

2.E.4 PITUITARY HORMONE RELEASING FACTORS

THE EFFECT OF THYROTROPHIN RELEASING HORMONE ON THE RELEASE OF THYROTROPHIN AND OTHER PITUITARY HORMONES IN MAN UNDER BASAL CONDITIONS AND FOLLOWING ADRENERGIC BLOCKING AGENTS. NILSSON KO, THORELL JI, HOKFELT B *ACTA ENDOCRINOL (KBH)* 76: 24-34, MAY 74 ENG

STIMULATION OF PROLACTIN RELEASE IN VIVO BY THYROTROPHIN-RELEASING HORMONE (TRH) THROUGH DIRECT ACTION ON THE ECTOPIC RAT PITUITARY. PORTEUS SE, MALVEN PV *ENDOCRINOLOGY* 94: 1699-703, JUN 74 ENG

THYROTROPHIN-RELEASING HORMONE STIMULATION AND SOMATOSTATIN INHIBITION OF GROWTH HORMONE SECRETION FROM PERFUSED RAT ADENOHYPOPHYSES. CARLSON HE, MARIZ IK, DAUGHADAY WH *ENDOCRINOLOGY* 94: 1709-13, JUN 74 ENG

SECRETION OF ACTH BY ISOLATED ANTERIOR PITUITARY CELLS: KINETICS OF STIMULATION OF CORTICOTROPIN-RELEASING FACTOR AND OF INHIBITION BY CORTICOSTERONE. SAYERS G, PORTANOVA R *ENDOCRINOLOGY* 94: 1723-30, JUN 74 ENG

SIMULTANEOUS EVALUATION OF THE PITUITARY RESERVE OF GH, TSH, ACTH AND LH IN CHILDREN. SATO T, INOUE M, MASUYAMA T, SUZUKI Y, IZUMISAWA A *J CLIN ENDOCRINOL METAB* 39: 595-9, SEP 74 ENG

SURVIVAL AND GROWTH IN A WOMAN WITH UNTREATED HYPOTHALAMIC PANHYPOPITUITARISM OF 21 YEARS DURATION. TOLIS G, CRUESS S, GOLDSTEIN M, FRIESEN HG, ROCHEFORT JG *CAN MED ASSOC J* 111: 553-6, 21 SEP 74 ENG

2.E.5 HYPOPHYSECTOMY

BIOLOGICAL ACTIVITY OF SYNTHETIC HUMAN CORTICOTROPIN WITH REVISED AMINO ACID SEQUENCE. SCHENKEL-HULLIGER L, MAIER R, BARTHE PL, DESAULLES PA, JARRET A, RINKER B, RITTEL W, SIEBER P *ACTA ENDOCRINOL (KBH)* 75: 24-32, JAN 74 ENG

PROTEIN KINASE IN ADIPOSE TISSUE: EFFECT OF HYPOPHYSECTOMY. GORIN E, GOODMAN HM *HORM METAB RES* 6: 146-50, MAR 74 ENG

STIMULATION OF PROLACTIN RELEASE IN VIVO BY THYROTROPHIN-RELEASING HORMONE (TRH) THROUGH DIRECT ACTION ON THE ECTOPIC RAT PITUITARY. PORTEUS SE, MALVEN PV *ENDOCRINOLOGY* 94: 1699-703, JUN 74 ENG

EFFECT OF HUMAN MENOPAUSAL GONADOTROPHIN ON AMINO ACID TRANSPORT IN THE PREPUBERTAL RAT OVARY. SELSTAM G, NILSSON L *ACTA PHYSIOL SCAND* 90: 798-800, APR 74 ENG

[IS THERE A POSSIBLE ROLE OF A GROWTH HORMONE HYPERSECRETION IN THE COURSE OF THE VASCULAR COMPLICATIONS OF DIABETES MELLITUS] LUNDBAEK K *JOURN ANNU DIABETOL HOTEL DIEU* 13: 161-72, 1972 FRE [22]

EFFECTS OF HUMAN SOMATOMEDIN PREPARATIONS ON MEMBRANE TRANSPORT AND PROTEIN SYNTHESIS IN THE ISOLATED RAT DIAPHRAGM. UTHNE K, REAGAN CR, GIMPEL LP, KOSTYO JL *J CLIN ENDOCRINOL METAB* 39: 548-54, SEP 74 ENG

HYPOPHYSECTOMY--THE COMBINED ROLE OF NEURO- AND RHINO-SURGEONS. ANGELL-JAMES J *ACTA NEUROCHIR (WIEN)* 21: 145-9, 1974 ENG

RECENT ADVANCES IN THE TREATMENT OF DIABETIC RETINOPATHY. DOBREE JH *BR J OPHTHALMOL* 58: 377-81, APR 74 ENG [43]

SHORT-TERM EFFECTS OF OESTRADIOL BENZOATE IN NORMAL, HYPOPHYSECTOMIZED AND ALLOXAN-DIABETIC MALE RATS. GOODMAN MN, HAZELWOOD RL *J ENDOCRINOL* 62: 439-49, SEP 74 ENG

STEREOTAXIC THERMAL PITUITARY ABLATION. ZERVAS NT, HAMLIN H *ACTA NEUROCHIR (WIEN)* 21: 165-8, 1974 ENG

TRANSPHENOIDAL SUBTOTAL HYPOPHYSECTOMY IN THE TREATMENT OF ACROMEGALY. BOHMER T, BERDAL P, HAUGEN HN *ACTA ENDOCRINOL (KBH)* 77: 477-84, NOV 74 ENG

2.E.6 PITUITARY DISORDERS

METABOLISM AND TRANSCAPILLARY ESCAPE RATE OF ALBUMIN IN ACROMEGALY. ROSSING N, PARVING HH, KORSGAARD O *SCAND J CLIN LAB INVEST* 33: 39-44, FEB 74 ENG

UNALTERED PLASMA GH LEVELS IN ACROMEGALICS AND NORMAL MEN AND WOMEN AFTER ADMINISTRATION OF (PYRO)GLU-SER-GLY-NH₂, A PROPOSED GH-RELEASING HORMONE. GONZALEZ-BARCENA D, KASTIN AJ, COY DH, GLICK S, SCHALCH DS, LEE LA, ARZAC JP, SCHALLY AV *J CLIN ENDOCRINOL METAB* 38: 1134-6, JUN 74 ENG

[ETIOLOGIC FACTORS OF DIABETIC MICROANGIOPATHY] Anonymous *JOURN ANNU DIABETOL HOTEL DIEU* 13: 350-4, 1972 FRE

2.F GONADS

[GROWTH HORMONE SECRETION AND DIABETIC SYNDROMES] ZAHND GR, NADEAU A, MUHLENDL KE VON *JOURN ANNU DIABETOL HOTEL DIEU* 13: 135-51, 1972 FRE 183]

[HEREDITARY FORM OF IDIOPATHIC DIABETES INSIPIDUS—COMPARISON BETWEEN THE EFFECTS OF THERAPY WITH CHLORPROPAMIDE AND CARBAMAZEPINE (AUTHORS TRANS)] BLAZEK M, PROKOP V, BLAZKOVA E *CAS LEK CESK* 113: 1133-5, 13 SEP 74 CZE

[POSTOPERATIVE MONITORING FOLLOWING SURGERY OF THE SELLA REGION] TSCHAKALOFF C WIEN *MED WOCHENSCHR* 124: 515-7, 7 SEP 74 GER

[RARE CASE OF ASSOCIATION OF DIABETES MELLITUS AND DIABETES INSIPIDUS] SALH AP, TURZHANSKAIA GM *VRACH DELO* 0: 76-7, AUG 74 RUS

[TREATMENT OF DIABETES INSIPIDUS WITH CHLORPROPAMIDE] IAROSHEVSKII IUA *SOV MED* 0: 140-1, SEP 74 RUS

ADRENOCORTICOTROPIC AND GROWTH HORMONE SECRETION. STUDIES DURING PNEUMOENCEPHALOGRAPHY. ALLEN JP, KENDALL JW, MCGILVRA R, LAMORENA TL, CASTRO A *ARCH NEUROL* 31: 325-8, NOV 74 ENG

GROWTH HORMONE AND DIABETES IN MAN. OLD CONCEPTS—NEW IMPLICATIONS. LUFT R, GUILLEMIN R *DIABETES* 23: 783-7, SEP 74 ENG

LEVELS OF PLASMA GROWTH HORMONE IN CHILDREN WITH CONGENITAL HEART DISEASE. FAHRER M, GRUNEIRO L, RIVAROLA M, BERGADA C *ACTA ENDOCRINOL (KBH)* 77: 451-9, NOV 74 ENG

STEREOTACTIC PITUITARY IMPLANTATION OF RADIOISOTOPES BY TRANSFRONTAL ROUTE. 300 CASES. POBLETE M, ZAMBONI R *ACTA NEUROCHIR (WIEN)* 21: 159-63, 1974 ENG

STEREOTAXIC THERMAL PITUITARY ABLATION. ZERVAS NT, HAMLIN H *ACTA NEUROCHIR (WIEN)* 21: 165-8, 1974 ENG

SUBCUTANEOUS ADIPOSE TISSUE AND LIPIDS IN BLOOD IN GROWTH HORMONE DEFICIENCY BEFORE AND AFTER TREATMENT WITH HUMAN GROWTH HORMONE. BONNET F, VANDERSCHUEREN, LODEWEYCKX M, ECKELS R, MALVAUX P *PEDIATR RES* 8: 800-5, SEP 74 ENG

SURVIVAL AND GROWTH IN A WOMAN WITH UNTREATED HYPOTHALAMIC PANHYPOTITISM OF 21 YEARS DURATION. TOLIS G, CRUESS S, GOLDSTEIN M, FRIESEN HG, ROCHEFORT JG *CAN MED ASSOC J* 111: 553-6, 21 SEP 74 ENG

TRANSPHENOIDAL SUBTOTAL HYPOPHYSECTOMY IN THE TREATMENT OF ACROMEGALY. BOHMER T, BERDAL P, HAUGEN HN *ACTA ENDOCRINOL (KBH)* 77: 477-84, NOV 74 ENG

2.F GONADS

2.F.1 OVARY

EFFECT OF HUMAN MENOPAUSAL GONADOTROPHIN ON AMINO ACID TRANSPORT IN THE PREPUBERTAL RAT OVARY. SELSTAM G, NILSSON L *ACTA PHYSIOL SCAND* 90: 798-800, APR 74 ENG

[OVARIAN FUNCTION IN WOMEN OF REPRODUCTIVE AGE WITH DISTURBED TOLERANCE TO GLUCOSE] MAIZEL EP, SAVCHENKO ON, KHRUSTALEVA GF, SOKOLOV EG, KONRADI LI *AKUSH GINEKOL (MOSK)* 0: 27-31, AUG 74 RUS

2.F.2 TESTIS

[ACTIVITY OF HEXOKINASE, GLUCOSE-6-PHOSPHATE DEHYDROGENASE AND 6-PHOSPHOGLUCONATE DEHYDROGENASE IN INTACT AND SYMPATHECTOMIZED RAT TESTES EXPOSED TO HORMONES] FOMINA MP *VOPR MED KHIM* 19: 582-6, 1973 RUS

[EFFECT OF INSULIN AND HYDROCORTISONE ON HEXOKINASE AND GLUCOSE-6-PHOSPHATE DEHYDROGENASE ACTIVITY IN RAT TESTIS IN CONDITIONS OF CHRONIC HYPOXIA] PETUKHOV MI *VOPR MED KHIM* 19: 630-3, 1973 RUS

2.F.3 SEX HORMONES

2.F.3.1 ANDROGENS

PERMISSIVE EFFECT OF TESTOSTERONE ON DIETARY ADAPTATION OF JEJUNAL PYRUVATE KINASE IN HYPOGONADAL MALES. LUFKIN EG, STIFEL FB, TEPLICK RS, HERMAN RH *J CLIN ENDOCRINOL METAB* 38: 1130-3, JUN 74 ENG

[ACTIVITY OF HEXOKINASE, GLUCOSE-6-PHOSPHATE DEHYDROGENASE AND 6-PHOSPHOGLUCONATE DEHYDROGENASE IN INTACT AND SYMPATHECTOMIZED RAT TESTES EXPOSED TO HORMONES] FOMINA MP *VOPR MED KHIM* 19: 582-6, 1973 RUS

[COMBINED TREATMENT OF DIABETIC RETINOPATHY AND ANGIOPATHY WITH STILBESTROL AND TESTOSTERONE] SZPILEWSKI S, LODYGOWSKA K *KLIN OCZNA* 44: 895-9, SEP 74 POL

[HORMONAL IMBALANCE IN FANCONIS ANEMIA, DISORDER IN STH AND TESTOSTERONE SECRETION] STUBBE P, PRINDULL G *MONATSSCHR KINDERHEILK* 122: 610-2, JUL 74 GER

[NEPHROLOGY, HYPERTENSION. REPORT ON THE 80TH MEETING OF THE GERMAN SOCIETY FOR INTERNAL MEDICINE, WIESBADEN APR 21-25, 1974] Anonymous Z *KARDIOL* 63: 850-1, APR 74 GER

[PARTICIPATION OF SEX HORMONES IN IMPLEMENTING THE REGULATORY EFFECT OF HYDROCORTISONE AND INSULIN ON ASPARTATE TRANSAMINASE ACTIVITY IN MALE AND FEMALE RAT RENAL CORTEX] POLETAEVA KA *VOPR MED KHIM* 19: 358-61, 1973 RUS

[USE OF ANABOLIC STEROIDS IN THERAPY] FOSSATI C *CLIN TER* 70: 169-202, 31 JUL 74 ITA [274]

ADENOSINE 3:5-MONOPHOSPHATE AND HORMONE INTERRELATIONSHIPS IN THE MAMMARY GLAND OF THE RAT DURING PREGNANCY AND LACTATION. SAPAG-HAGAR M, GREENBAUM AL *EUR J BIOCHEM* 47: 303-12, 1 SEP 74 ENG

ENDOCRINE EVALUATION IN THALASSEMIA MAJOR. LASSMAN MN, OBRIEN RT, PEARSON HA, WISE JK, DONABEDIAN RK, FELIG P, GENEL M *ANN NY ACAD SCI* 232: 226-37, 1974 ENG

HORMONAL CONTRACEPTIVES AND CARBOHYDRATE TOLERANCE. II. INFLUENCE OF MEDROXYPROGESTERONE ACETATE AND CHRONIC ORAL CONTRACEPTIVES. VERMEULEN A, THIERY M *DIABETOLOGIA* 10: 253-9, AUG 74 ENG

2.F.3.2 ESTROGENS

THE LIPID RESPONSE TO FEMALE GONADAL HORMONES OF MALE RATS GIVEN A HIGH-SUCROSE DIET. JEFFERYS DB, WHITE IR *PROC NUTR SOC* 32: 60A, SEP 73 ENG

AN ULTRASTRUCTURAL STUDY OF PEROXIDATIC AND PHAGOCYTIC ACTIVITIES OF TWO TYPES OF SINUSOIDAL LINING CELLS IN RAT LIVER. OGAWA K, MINASE T, YOKOYAMA S, ONOE T *TOHOKU J EXP MED* 111: 253-9, NOV 73 ENG

[COMBINED TREATMENT OF DIABETIC RETINOPATHY AND ANGIOPATHY WITH STILBESTROL AND TESTOSTERONE] SZPILEWSKI S, LODYGOWSKA K *KLIN OCZNA* 44: 895-9, SEP 74 POL

ADENOSINE 3:5-MONOPHOSPHATE AND HORMONE INTERRELATIONSHIPS IN THE MAMMARY GLAND OF THE RAT DURING PREGNANCY AND LACTATION. SAPAG-HAGAR M, GREENBAUM AL *EUR J BIOCHEM* 47: 303-12, 1 SEP 74 ENG

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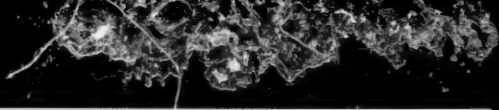
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EQUILIBRIUM CONSTANTS OF THE REACTIONS OF ACETYL COENZYME A SYNTHETASE AND THE HYDROLYSIS OF ADENOSINE TRIPHOSPHATE TO ADENOSINE MONOPHOSPHATE AND INORGANIC PYROPHOSPHATE. GUYNN RW, WEBSTER LT JR, VEECH RL J CLIN INVEST 53: 3248-54, JUN 74 ENG

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THERMODYNAMIC RELATIONSHIPS BETWEEN THE OXIDATION-REDUCTION REACTIONS AND THE ATP SYNTHESIS IN SUSPENSIONS OF ISOLATED PIGEON HEART MITOCHONDRIA. ERECINSKA M, VEECH RL, WILSON DF *ARCH BIOCHEM BIOPHYS* 160: 412-21, FEB 74 ENG

ADENOSINE TRIPHOSPHATE EFFECT

THE COMBINED EFFECT OF GLYCOGEN AND ATP ON THE D TO I CONVERSION OF GLYCOGEN SYNTHETASE. WANG P, BANTLE G *BIOCHEM BIOPHYS RES COMMUN* 57: 148-53, 15 MAR 74 ENG

ADENOSINE TRIPHOSPHATE SYNTHESIS

DIFFERENTIAL EFFECTS OF ADENYLYL IMIDODIPHOSPHATE ON ADENOSINE TRIPHOSPHATE SYNTHESIS AND THE PARTIAL REACTIONS OF OXIDATIVE PHOSPHORYLATION. PENEFSKY HS *J BIOL CHEM* 249: 3579-85, 10 JUN 74 ENG

ADENOSINE-3,5-CYCLICMONOPHOSPHATE

THE CYCLIC AMP-MEDIATED ACTION OF EPINEPHRINE ON THE ACTIVITY OF CARBONIC ANHYDRASE IN AVIAN ERYTHROCYTES. SIEGMUND P, TULLMANN A, HOLKE M *HORM METAB RES* 6: 158-61, MAR 74 ENG

[CYCL AMP INFLUENCE ON GLUCOSE METABOLISM IN HUMAN BLOOD PLATELETS] SCHNEIDER WH, VILLAR-PALASIC, LARNER J *VERH DTSCH GES INN MED* 79: 488-90, 1973 GER

INHIBITION OF LIPOGENESIS BY CYCLIC AMP WITHOUT ALTERED LIPOLYSIS. MURTHY VK, STEINER G *CAN J BIOCHEM* 52: 259-62, MAR 74 ENG

PHOSPHORYLATION IN VITRO OF ADRENAL SUBCELLULAR PROTEINS BY ADENOSINE-3,5-MONOPHOSPHATE-DEPENDENT PROTEIN KINASE: EFFECT OF ACTH IN VIVO. ICHII S, MURAKAMI N, IKEDA A *ACTA ENDOCRINOL (KBH)* 75: 325-32, FEB 74 ENG

ACTION OF CYCLIC ADENOSINE 3,5 MONOPHOSPHATE ON PROTEIN SYNTHESIS IN A THYROIDAL CELL-FREE SYSTEM. RELATION TO ATP AND GTP. WAGAR G *ACTA ENDOCRINOL (KBH)* 75: 398-409, FEB 74 ENG

ARE CYCLIC AMP EFFECTS RELATED TO REAL PHYSIOLOGICAL PHENOMENA. ULLMANN A *BIOCHEM BIOPHYS RES COMMUN* 57: 348-52, 25 MAR 74 ENG

ABNORMALLY HIGH RATE OF CYCLIC AMP EXCRETION FROM AN ESCHERICHIA COLI MUTANT DEFICIENT IN CYCLIC AMP RECEPTOR PROTEIN. POTTER K, CHALONER-LARSSON G, YAMAZAKI H *BIOCHEM BIOPHYS RES COMMUN* 57: 379-85, 25 MAR 74 ENG

2,3-CYCLIC AMP 3-PHOSPHOHYDROLASE ACTIVITY DURING WALLERIAN DEGENERATION. MEZEIC C, MEZEIM, HAWKINS A *J NEUROCHEM* 22: 457-8, MAR 74 ENG

IN VIVO CHANGES OF CEREBRAL CYCLIC ADENOSINE 3,5-MONOPHOSPHATE INDUCED BY BIOGENIC AMINES: ASSOCIATION WITH PHOSPHORYLASE ACTIVATION. EDWARDS C, NAHORSKI SR, ROGERS KJ *J NEUROCHEM* 22: 565-72, APR 74 ENG

[SUBCELLULAR DISTRIBUTION OF PROTEIN KINASES STIMULATED BY CYCLIC AMP AND CYCLIC AMP RECEPTOR PROTEINS IN THE SWINE THYROID] ROQUES M, TIRARD A, TORRESANI J *BIOCHIMIE* 55: 1421-30, 1973 FRE

CYCLIC AMP REGULATION OF PROSTAGLANDIN BIOSYNTHESIS IN FAT CELLS. DALTON C, HOPE WC *PROSTAGLANDINS* 6: 227-242, 10 MAY 74 ENG

CYCLIC AMP-DEPENDENT PROTEIN KINASE ACTIVITY IN A CELL MEMBRANE-ENRICHED SUBCELLULAR FRACTION OF PIG MYOCARDIUM. KRAUSE EG, WILL H, PELOUCH V, WOLLENBERGER A *ACTA BIOL MED GER* 31: K37-43, 1973 ENG

BINDING OF CALCIUM TO A CELL MEMBRANE-ENRICHED PREPARATION FROM PIG MYOCARDIUM: INCREASE IN CALCIUM AFFINITY UPON MEMBRANE PROTEIN PHOSPHORYLATION ENHANCED BY A MEMBRANE-BOUND CYCLIC AMP-DEPENDENT PROTEIN KINASE. WILL H, SCHIRPKE B, WOLLENBERGER A *ACTA BIOL MED GER* 31: K45-52, 1973 ENG

ADENOSINE 3,5-MONOPHOSPHATE AND HORMONE INTERRELATIONSHIPS IN THE MAMMARY GLAND OF THE RAT DURING PREGNANCY AND LACTATION. SAPAG-HAGAR M, GREENBAUM AL *EUR J BIOCHEM* 47: 303-12, 1 SEP 74 ENG

CYCLIC ADENOSINE MONOPHOSPHATE AND CLINICAL MEDICINE. 2. CARBOHYDRATE AND LIPID METABOLISM. KEIRNS JJ, FREEMAN J, BITENSKY MW *AM J MED SCI* 268: 62-91, AUG 74 ENG

PLASMA ADENOSINE 3,5-MONOPHOSPHATE IN ANTIINSULIN-TREATED RATS. DAS I *EXPERIENTIA* 30: 860, 15 AUG 74 ENG

THE EFFECT OF GLUCAGON ON ADENOSINE 3,5-MONOPHOSPHATE (CYCLIC AMP), GLUCOSE, INSULIN AND GROWTH HORMONE IN THE FULL TERM NEWBORN AND CHILDREN. LINARELLI LG, BOBIK C, BOBIK J, DRASH AL, RUBIN HM *J CLIN ENDOCRINOL METAB* 39: 411-7, SEP 74 ENG

ADENOSINE-3,5-CYCLICMONOPHOSPHATE EFFECT

DIFFERENT EFFECTS OF HORMONAL PEPTIDES AND CYCLIC ADENOSINE 3,5-MONOPHOSPHATE ON COLONIC TRANSPORT IN VITRO. YAU WM, MAKHLOUF GM *GASTROENTEROLOGY* 67: 662-7, OCT 74 ENG

THE ROLE OF CALCIUM IN INSULIN ACTION. I. PURIFICATION AND PROPERTIES OF ENZYMES REGULATING LIPOLYSIS IN HUMAN ADIPOSE TISSUE: EFFECTS OF CYCLIC-AMP AND CALCIUM IONS. KISEBAH AH, VYDELINGUM N, TULLOCH BR, HOPE-GILL H, FRASER TR *HORM METAB RES* 6: 247-55, JUL 74 ENG

ADENYLATE CYCLASE

UNCOUPLING OF CATECHOLAMINE ACTIVATION OF PIGEON ERYTHROCYTE MEMBRANE ADENYLATE CYCLASE BY FILIPIN. PUCHWEIN G, PFEUFFER T, HELMREICH EJ *J CLIN INVEST* 53: 3232-40, JUN 74 ENG

FORMATION OF A NOVEL NUCLEOTIDE BY FAT CELL PREPARATIONS CONTAINING ADENYLATE CYCLASE. PETRACK B, MA D, SHEPPY F *J BIOL CHEM* 249: 3661-3, 10 JUN 74 ENG

DIETARY MODULATION OF BETA CELL ADENYLATE CYCLASE ACTIVITY.

Anonymous *NUTR REV* 32: 281-3, SEP 74 ENG [13]

5-GUANYLYLIMIDODIPHOSPHATE, A POTENT ACTIVATOR OF ADENYLATE CYCLASE SYSTEMS IN EUKARYOTIC CELLS. LONDOS C, SALOMON Y, LIN MC, HARWOOD JP, SCHRAMM M, WOLFF J, RODBELL M *PROC NATL ACAD SCI USA* 71: 3087-90, AUG 74 ENG

ADENYLATE ENERGY CHARGE

SIMULTANEOUS INCREASES OF THE ADENYLATE ENERGY CHARGE AND THE RATE OF GLYCOGEN SYNTHESIS IN NITROGEN-STARVED ESCHERICHIA COLI W4597(K). DIETZLER DN, LAIS CJ, LECKIE MP *ARCH BIOCHEM BIOPHYS* 160: 14-25, JAN 74 ENG

ADENYLATE KINASE

MODULATION OF MITOCHONDRIAL ADENYLATE KINASE BY CITRIC-ACID-CYCLE INTERMEDIATES. PRADHAN TK, CRISS WE *EUR J BIOCHEM* 43: 541-7, 16 APR 74 ENG

ADENYLYL IMIDODIPHOSPHATE

DIFFERENTIAL EFFECTS OF ADENYLYL IMIDODIPHOSPHATE ON ADENOSINE TRIPHOSPHATE SYNTHESIS AND THE PARTIAL REACTIONS OF OXIDATIVE PHOSPHORYLATION. PENEFSKY HS *J BIOL CHEM* 249: 3579-85, 10 JUN 74 ENG

ADIPOCYTE

CORRELATION OF FOOD INTAKE IN LAMBS WITH ADIPOCYTE GLUCOSE METABOLISM AND NEFA RELEASE. MEARS GJ, MENDEL VE *J PHYSIOL (LOND)* 240: 625-37, AUG 74 ENG

ADIPOCYTE, MOUSE

GLUCOSE METABOLISM AND LIPID MOBILIZATION BY ADIPOCYTES FROM MICE SELECTED FOR GROWTH. MEARS GJ, MENDEL VE *J PHYSIOL (LOND)* 240: 609-24, AUG 74 ENG

ADIPOSE

IN VIVO LIPOGENESIS AND ENZYME LEVELS IN ADIPOSE AND LIVER TISSUES FROM PAIR-FED GENETICALLY OBESE AND LEAN RATS. MARTIN RJ *LIFE SCI* 14: 1447-53, 16 APR 74 ENG

ADIPOSE TISSUE

THE METABOLISM OF VERY LOW DENSITY LIPOPROTEIN AND CHYLOMICRONS BY PURIFIED LIPOPROTEIN LIPASE FROM RAT HEART AND ADIPOSE TISSUE. DOLPHIN PJ, RUBINSTEIN D *BIOCHEM BIOPHYS RES COMMUN* 57: 808-14, 8 APR 74 ENG

PROTEIN KINASE IN ADIPOSE TISSUE: EFFECT OF HYPOPHYSECTOMY. GORIN E, GOODMAN HM *HORM METAB RES* 6: 146-50, MAR 74 ENG

[METABOLISM OF ADIPOSE TISSUE. I. RELATIONSHIP BETWEEN THE SIZE OF FAT CELLS, WEIGHT INDEX AND PATIENTS AGE] ISHIKAWA T, HORIE K, AIZAWA T, NAKAMURA H, GOTO Y *JAP J GERIATR* 10: 321-6, NOV 73 JAP

[THE POSSIBLE ROLE OF ADIPOSE TISSUE IN INSULIN RESISTANCE AND IN THE PHYSIOPATHOLOGY OF OBESE DIABETICS] GUY-GRAND B, BOUR H *JOURN ANNU DIABETOL HOTEL DIEU* 13: 81-92, 1972 FRE [47]

BENIGN SYMMETRIC LIPOMATOSIS: FUNCTIONAL SYMPATHETIC DENERVATION OF ADIPOSE TISSUE AND POSSIBLE HYPERTROPHY OF BROWN FAT. KODISH ME, ALSEVER RN, BLOCK MB *METABOLISM* 23: 937-45, OCT 74 ENG

HORMONAL CONTROL OF ADIPOSE TISSUE CLEARING FACTOR LIPASE ACTIVITY. DAVIES P, CRYER A, ROBINSON DS *FEBS LETT* 45: 271-5, 1 SEP 74 ENG

HORMONAL CONTROL OF LIPOLYSIS IN ADIPOSE TISSUE. STEINBERG D *ADV EXP MED BIOL* 26: 77-88, 1972 ENG [22]

REGULATION OF CHOLESTEROL STORAGE IN ADIPOSE TISSUE. ANGEL A, FARKAS J *J LIPID RES* 15: 491-9, SEP 74 ENG

ADIPOSE TISSUE, HUMAN

FATTY ACID SYNTHESIS DE NOVO IN HUMAN ADIPOSE TISSUE. GOLDRICK RB, GALTON DJ *CLIN SCI MOL MED* 46: 469-79, APR 74 ENG

EFFECT OF BICARBONATE AND PHOSPHATE ON THE ADRENERGIC RECEPTOR RESPONSE IN HUMAN ADIPOSE TISSUE IN VITRO. ROSENQVIST U *ACTA MED SCAND* 195: 345-50, MAY 74 ENG

THE ROLE OF CALCIUM IN INSULIN ACTION. I. PURIFICATION AND PROPERTIES OF ENZYMES REGULATING LIPOLYSIS IN HUMAN ADIPOSE TISSUE: EFFECTS OF CYCLIC-AMP AND CALCIUM IONS. KISSEBAH AH, VYDELINGUM N, TULLOCH BR, HOPE-GILL H, FRASER TR *HORM METAB RES* 6: 247-55, JUL 74 ENG

ADIPOSE TISSUE LIPOLYSIS

THE EFFECT OF HUMAN PLACENTAL LACTOGEN ON ADIPOSE TISSUE LIPOLYSIS. STRANGE RC, SWYER GI *J ENDOCRINOL* 61: 147-52, APR 74 ENG

ADIPOSE TISSUE, RAT

SIMPLE ASSAY FOR MONOACYLGLYCEROL HYDROLASE ACTIVITY OF RAT ADIPOSE TISSUE. TORNOVIST H, KRABISCH L, BELFRAGE P *J LIPID RES* 15: 291-4, MAY 74 ENG

[EFFECTS OF TRYPTOPHAN METABOLITES ON GLUCOSE UPTAKE AND CARBON DIOXIDE OUTPUT BY THE RAT ADIPOSE TISSUE IN VITRO (AUTHORS TRANSL)] VAZQUEZ DE PRADA JR *REV ESP FISIOL* 29: 223-6, SEPT 73 SPA

EFFECT OF L8027, A NEW POTENT INHIBITOR OF PROSTAGLANDIN BIOSYNTHESIS, ON THE METABOLISM AND RESPONSE TO GLUCAGON OF RAT ADIPOSE TISSUE. LEFEBVRE PJ, LUYCKX AS *BIOCHEM PHARMACOL* 23: 2119-25, AUG 74 ENG

SIMILAR EFFECTS OF CALITONIN, INSULIN AND SOMATOMEDIN A ON LIPOLYSIS AND UPTAKE OF CALCIUM AND GLUCOSE IN RAT ADIPOSE TISSUE IN VITRO. WERNER S, HALL K, LOW H *HORM METAB RES* 6: 319-25, JUL 74 ENG

ADIPOSE TISSUE, SUBCUTANEOUS

SUBCUTANEOUS ADIPOSE TISSUE AND LIPIDS IN BLOOD IN GROWTH HORMONE DEFICIENCY BEFORE AND AFTER TREATMENT WITH HUMAN GROWTH HORMONE. BONNET F, VANDERSCHUEREN-LODEWEYCKX M, ECKELS R, MALVAUX P *PEDIATR RES* 8: 800-5, SEP 74 ENG

ADOLESCENT

[POLYNEUROPATHY AND MOTOR FIBER CONDUCTION VELOCITY IN CHILDREN AND ADOLESCENTS WITH DIABETES] KAZIBUTOWSKA Z *NEUROL NEUROCHIR POL* 8: 519-24, JUL-AUG 74 POL

ADRENAL CORTEX

[PITUITARY GLAND-ADRENAL CORTEX REGULATION IN PATIENTS WITH CHRONIC KIDNEY FAILURE DURING LONGTIME HEMODIALYSIS] HRUBESCH M, WAGNER H, WENNING N, ADAMS M, STURMER H, BOCKEL K, GROTHE G, LOEW H, WESSELS F, HAUSS WH *VERH DTSCH GES INN MED* 79: 731-4, 1973 GER

ADRENAL SUBCELLULAR PROTEIN

PHOSPHORYLATION IN VITRO OF ADRENAL SUBCELLULAR PROTEINS BY ADENOSINE-3,5-MONOPHOSPHATE-DEPENDENT PROTEIN KINASE: EFFECT OF ACTH IN VIVO. ICHII S, MURAKAMI N, IKEDA A *ACTA ENDOCRINOL (KBH)* 75: 325-32, FEB 74 ENG

ADRENALINE

[LACTIC ACIDOSIS PROVOKED BY ADRENALINE] MOLLER BB, KOLENDORF K *UGESKR LAEGER* 136: 2082-4, 9 SEP 74 DAN

ADRENERGIC BLOCKING AGENT

THE EFFECT OF THYROTROPHIN RELEASING HORMONE ON THE RELEASE OF THYROTROPHIN AND OTHER PITUITARY HORMONES IN MAN UNDER BASAL CONDITIONS AND FOLLOWING ADRENERGIC BLOCKING AGENTS. NILSSON KO, THORELL JJ, HOKFELT B *ACTA ENDOCRINOL (KBH)* 76: 24-34, MAY 74 ENG

ADRENERGIC RECEPTOR

EFFECT OF BICARBONATE AND PHOSPHATE ON THE ADRENERGIC RECEPTOR RESPONSE IN HUMAN ADIPOSE TISSUE IN VITRO. ROSENQVIST U *ACTA MED SCAND* 195: 345-50, MAY 74 ENG

ADRENOCORTICOTROPIC HORMONE

SECRETION OF ACTH BY ISOLATED ANTERIOR PITUITARY CELLS: KINETICS OF STIMULATION OF CORTICOTROPIN-RELEASING FACTOR AND OF INHIBITION BY CORTICOSTERONE. SAYERS G, PORTANOVA R *ENDOCRINOLOGY* 94: 1723-30, JUN 74 ENG

HORMONE-RECEPTOR INTERACTIONS. ADRENOCORTICOTROPIC HORMONE BINDING SITE INCREASE IN ISOLATED FAT CELLS BY PHENOXAZONES. LANG U, KARLAGANIS G, VOGEL R, SCHWYZER R *BIOCHEMISTRY* 13: 2626-33, 4 JUN 74 ENG

DAILY CHANGES IN CONCENTRATION OF PANCREATIC AND SERUM INSULIN AND OF BLOOD GLUCOSE DURING 5 DAYS OF TREATMENT OF RATS WITH GROWTH HORMONE, ACTH, CORTISOL, DEXAMETHASONE, AND TOLBUTAMIDE ALONE AND IN COMBINATIONS. BATES RW, GARRISON MM *METABOLISM* 23: 947-65, OCT 74 ENG

SIMULTANEOUS EVALUATION OF THE PITUITARY RESERVE OF GH, TSH, ACTH AND LH IN CHILDREN. SATO T, INOUE M, MASUYAMA T, SUZUKI Y, IZUMISAWA A *J CLIN ENDOCRINOL METAB* 39: 595-9, SEP 74 ENG

ADRENOCORTICOTROPIC HORMONE EFFECT

PHOSPHORYLATION IN VITRO OF ADRENAL SUBCELLULAR PROTEINS BY ADENOSINE-3,5-MONOPHOSPHATE-DEPENDENT PROTEIN KINASE: EFFECT OF ACTH IN VIVO. ICHII S, MURAKAMI N, IKEDA A *ACTA ENDOCRINOL (KBH)* 75: 325-32, FEB 74 ENG

ADULT

EFFECT OF L-DOPA ON PLASMA HGH, LH, FSH AND 11-OH-CS IN NORMAL ADULT SUBJECTS. DELITALA G, MASALA A, ROLANDI E *FOLIA ENDOCRINOL (ROMA)* 27: 279-89, JUN 74 ENG

ADULT RAT

GLUCOSE AND OCTANOATE UTILIZATION BY ISOLATED ADULT RAT HEART CELLS. GLICK MR, BURNS AH, REDDY WJ *LIFE SCI* 14: 1473-85, 16 APR 74 ENG

MONOLAYER CELL CULTURE OF ADULT RAT ISLETS OF LANGERHANS. KOSTIANOVSKY M, MCDANIEL ML, STILL MF, CODILLA RC, LACY PE *DIABETOLOGIA* 10: 337-44, AUG 74 ENG

AGE

[METABOLISM OF ADIPOSE TISSUE. I. RELATIONSHIP BETWEEN THE SIZE OF FAT CELLS, WEIGHT INDEX AND PATIENTS AGE] ISHIKAWA T, HORIE K, AIZAWA T, NAKAMURA H, GOTO Y *JAP J GERIATR* 10: 321-6, NOV 73 JAP

AGE RELATED

[AGE-RELATED CHANGES IN THE ENZYME ACTIVITY OF THE AORTIC WALL IN WHITE RATS] ZLATEVA M, ANTOV G *EKSP MED MORFOL* 12: 209-15, 1973 BUL

AGED

CORONARY ARTERY DISEASE IN YOUNG PATIENTS: ARTERIOGRAPHIC AND CLINICAL REVIEW OF 40 CASES AGED 35 AND UNDER. DAVIA JE, HALLAL FJ, CHEITLIN MD, GREGORATOS G, MCCARTY R, FOOTE W *AM HEART J* 87: 689-96, JUN 74 ENG

AGGREGATION STIMULATOR

[THE CONTINUOUS MEASUREMENT OF PLATELET AGGREGATION WITHOUT ADDITION OF AGGREGATION STIMULATORS. I. METHODS AND CLINICAL RESULTS] JAGER W, KUTSCHERA J, WENDEBERG H, KAUSCHMANN R, RIESE W, PIETSCH U, BERGER E, BENNERT C *BLUT* 29: 184-94, SEP 74 GER

AGING

LIPID DEPOSITS IN AGEING HUMAN ARTERIES, TENDONS AND FASCIA. ADAMS CW, BAYLISS OB, BAKER RW, ABDULLA YH, HUNTER-CRAIG CJ *ATHEROSCLEROSIS* 19: 429-40, MAY-JUN 74 ENG

LIPOLYSIS, AGING, AND HORMONES. Anonymous *NUTR REV* 32: 312-3, OCT 74 ENG [14]

ALANINE

THE FORMATION OF GLUTAMINE AND ALANINE IN SKELETAL MUSCLE. RUDERMAN NB, BERGER M *ARCH GEN PSYCHIATRY* 31: 5500-6, SEP 74 ENG

ALBUMIN

ALBUMIN

METABOLISM AND TRANSCAPILLARY ESCAPE RATE OF ALBUMIN IN ACROMEGALY. ROSSING N, PARVING HH, KORSGAARD O *SCAND J CLIN LAB INVEST* 33: 39-44, FEB 74 ENG

COMPLEX FORMATION BETWEEN MACROMOLECULES AND DRUGS. X. BINDING OF TOLBUTAMIDE, CHLORPROPAMIDE AND CARBUTAMIDE TO HUMAN SERUM ALBUMIN, AND THE COMPETITION BETWEEN TOLBUTAMIDE OR CHLORPROPAMIDE AND CARBUTAMIDE OR 4-SULFANILAMIDO-2,6-DIMETHYL-PYRIMIDINE FOR BINDING SITES ON HUMAN SERUM ALBUMIN. NILSSON B, AGREN A *ACTA PHARM SUEC* 11: 391-400, SEP 74 ENG

ALCOHOLIC

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ALDOSTERONE

ALDOSTERONE-INDUCED PROTEIN IN TOAD URINARY BLADDER. BENJAMIN WB, SINGER I *SCIENCE* 186: 269-72, 18 OCT 74 ENG

ALGA BLUE-GREEN, UNICELLULAR

ACTIVE AMINO ACID AND SUGAR TRANSPORT BY A UNICELLULAR BLUE-GREEN ALGA. FAUST RG, ORCUTT AR, PRAZMA TU *COMP BIOCHEM PHYSIOL [A]* 48: 403-6, 1 JUN 74 ENG

ALGERIA

[MOST COMMON CAUSES OF MORBIDITY IN ALGERIA] VOKROUHLYCKY L. *SB VED PR LEK FAK KARLOVY UNIV [SUPPL]* 16: 247-55, 1973 CZE

ALKALINE FORM

FISH LIVER FRUCTOSE 1,6-DIPHOSPHATASE. II. NEUTRAL AND ALKALINE FORMS. GONZALEZ F, GONZALEZ AM, MARCUS F *COMP BIOCHEM PHYSIOL [B]* 48: 67-73, 15 MAY 74 ENG

ALLERGY TEST

THE RAT MAST CELL DEGRANULATION ASSAY AS AN IN VITRO ALLERGY TEST. WETHERALL JD, HACKSHAW R, TURNER KJ *AUST NZ J MED* 4: 187-91, APR 74 ENG

ALLOSTERIC INHIBITION

REGULATORY SULFHYDRYL GROUPS, CONFORMATIONAL CHANGE, AND ALLOSTERIC INHIBITION IN RABBIT MUSCLE FRUCTOSE DIPHOSPHATASE. TOL AV VAN *ARCH BIOCHEM BIOPHYS* 162: 238-47, MAY 74 ENG

ALLOXAN

EFFECT OF INSULIN INFUSIONS ON THE GLUCOSE KINETICS IN ALLOXAN-STEP-TOZOTOCIN DIABETIC DOGS. ISSEKUTZ B JR, ISSEKUTZ TB, ELAHI D, BORKOW I *DIABETOLOGIA* 10: 323-8, AUG 74 ENG

ALLOXAN DIABETIC

SHORT-TERM EFFECTS OF OESTRADIOL BENZOATE IN NORMAL, HYPOPHYSECTOMIZED AND ALLOXAN-DIABETIC MALE RATS. GOODMAN MN, HAZELWOOD RL *J ENDOCRINOL* 62: 439-49, SEP 74 ENG

ALLOXAN INDUCED DIABETES

CONTRIBUTION OF BLOOD PHOSPHATE ESTERS TO THE BLOOD SACCHAROID FRACTION OF RATS WITH ALLOXAN-INDUCED DIABETES OR TREATED WITH INSULIN OR EPINEPHRINE. ZEENAT-UN-NISA, RAHMAN MA *CLIN CHEM* 20: 1165-72, SEP 74 ENG

PREVENTION OF ALLOXAN-INDUCED DIABETES BY ETHANOL ADMINISTRATION. HEIKKILA RE, BARDEN H, COHEN G *J PHARMACOL EXP THER* 190: 501-6, SEP 74 ENG

ALLOXAN STREPTOZOTOCIN DIABETIC DOG

EFFECT OF INSULIN INFUSIONS ON THE GLUCOSE KINETICS IN ALLOXAN-STEP-TOZOTOCIN DIABETIC DOGS. ISSEKUTZ B JR, ISSEKUTZ TB, ELAHI D, BORKOW I *DIABETOLOGIA* 10: 323-8, AUG 74 ENG

ALPHA AMINOISOBUTYRIC ACID

PROPERTIES OF ALPHA-AMINOISOBUTYRIC ACID TRANSPORT IN A THERMOPHILIC MICROORGANISM. REIZER J, GROS-SOWICZ N *J BACTERIOL* 118: 414-24, MAY 74 ENG

ENERGY SOURCE FOR ACTIVE TRANSPORT OF ALPHA-AMINOISOBUTYRIC ACID IN KB CELLS. MELBOURNE AD, CHARALAMPOUS FC *J BIOL CHEM* 249: 2793-800, 10 MAY 74 ENG

ALPHA CELL, PANCREATIC

INTRACELLULAR TRANSPORT AND STORAGE OF NEWLY SYNTHESIZED PROTEINS IN THE GUINEA PIG PANCREATIC A CELL. HOWELL SL, HELLERSTROM C, TYHURST M *HORM METAB RES* 6: 267-71, JUL 74 ENG

ALPHA GLUCAN

INTERACTION OF SPINACH LEAF ADENOSINE DIPHOSPHATE GLUCOSE ALPHA-1,4-GLUCAN ALPHA-4-GLUCOSYL TRANSFERASE AND ALPHA-1,4-GLUCAN, ALPHA-1,4-GLUCAN-6-GLYCOSYL TRANSFERASE IN SYNTHESIS OF BRANCHED ALPHA-GLUCAN. HAWKER JS, OZBUN JL, OZAKI H, GREENBERG E, PREISS J *ARCH BIOCHEM BIOPHYS* 160: 530-51, FEB 74 ENG

ALPHA GLUCAN PHOSPHORYLASE

ALPHA-GLUCAN PHOSPHORYLASE B FROM INDICIBIUM GUTTATUM: A KINETICALLY DIFFERENT PHOSPHORYLASE. SOMAN G, PHILIP G *BIOCHIM BIOPHYS ACTA* 341: 301-4, 21 MAR 74 ENG

ALPHA-P-CHLOROPHENOXYISOBUTYRIC ACID

EFFECT OF THE SODIUM SALT AND ETHYL ESTER OF ALPHA-P-CHLOROPHENOXYISOBUTYRIC ACID (CLOFIBRATE) ON A FAT-MOBILIZING FACTOR IN SERUM.

CURTIS-PRIOR PB *ATHEROSCLEROSIS* 19: 463-7, MAY-JUN 74 ENG

ALVEOLAR MACROPHAGE

CYTOCHEMICAL INVESTIGATIONS OF THE METABOLISM OF ALVEOLAR AND PERITONEAL MACROPHAGES. PORTUGALOV VV, DURNOVA GN, KAPLANSKY AS, KOLGANOVA NS *ACTA HISTOCHEM (JENA)* 46: 216-26, 1973 ENG

AMIDE NITROGEN ANALYSIS

ANALYSIS FOR AMIDE NITROGEN IN PROTEINS. INGLIS AS, ROXBURGH CM, TAKAYANAGI H *ANAL BIOCHEM* 61: 25-31, SEP 74 ENG

AMINE, BIOGENIC

IN VIVO CHANGES OF CEREBRAL CYCLIC ADENOSINE 3,5-MONOPHOSPHATE INDUCED BY BIOGENIC AMINES: ASSOCIATION WITH PHOSPHORYLASE ACTIVATION. EDWARDS C, NAHORSKI SR, ROGERS KJ *J NEUROCHEM* 22: 565-72, APR 74 ENG

ULTRAHISTOCHEMICAL DETECTION OF BIOGENIC AMINES IN A-CELLS OF LANGERHANS ISLETS OF SANDRATS (PSAMMOMYS OBEUS) BY MEANS OF REINECKE-SALT. DORSCH HH VON, KRAUSE R, FEHRMANN P, SULZMANN R *Z MIKROSK ANAT FORSCH* 88: 413-6, 1974 ENG

AMINO ACID

ACTIVE AMINO ACID AND SUGAR TRANSPORT BY A UNICELLULAR BLUE-GREEN ALGA. FAUST RG, ORCUTT AR, PRAZMA TU *COMP BIOCHEM PHYSIOL [A]* 48: 403-6, 1 JUN 74 ENG

ELEVATION OF CYCLIC GMP LEVELS IN CENTRAL NERVOUS SYSTEM BY EXCITATORY AND INHIBITORY AMINO ACIDS. FERRENDELLI JA, CHANG MM, KINSCHERF DA *J NEUROCHEM* 22: 535-40, APR 74 ENG

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THE INFLUENCE OF INSULIN AND GLUCOSE ON THE RELEASE OF PLASMINOGEN ACTIVATOR BY ISOLATED RABBIT KIDNEYS. KLENIEWSKI J, JAWORSKA-BZYMEK D *EXPERIENTIA* 30: 1032-3, 15 SEP 74 ENG

KIDNEY, RAT

[METABOLIC EFFECT OF VITAMIN D3 HORMONES: IN VITRO EFFECT OF 25-HYDROXYCHOLECALCIFEROL ON RAT KIDNEY

CORTX GLUCONEOGENESIS FROM PYRUVATE] HENNING HV, GLOTH R, SCHELER F *VERH DTSCH GES INN MED* 79: 678-81, 1973 GER

KIDNEY TUBULE, ISOLATED

METABOLISM OF ISOLATED KIDNEY TUBULES. REGULATION OF PYRUVATE DEHYDROGENASE BY METABOLIC SUBSTRATES. GUDER WG, WIELAND OH *EUR J BIOCHEM* 42: 529-38, 1 MAR 74 ENG

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EFFECT OF L8027, A NEW POTENT INHIBITOR OF PROSTAGLANDIN BIOSYNTHESIS, ON THE METABOLISM AND RESPONSE TO GLUCAGON OF RAT ADIPOSE TISSUE. LEFEVRE PJ, LUYCKX AS *BIOCHEM PHARMACOL* 23: 2119-25, AUG 74 ENG

LABELING

CHEMICAL MODIFICATION OF MITOCHONDRIA. II. EFFECT OF LABELING ON OXIDATIVE PHOSPHORYLATION. COPELAND L, DEUTSCH CJ, TU SI, WANG JH *ARCH BIOCHEM BIOPHYS* 160: 451-7, FEB 74 ENG

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LABORATORY DIAGNOSIS

[INSULIN DEFICIENCY AND ITS METABOLIC SEQUELAE. LABORATORY DIAGNOSIS OF KETONIC ACIDOSIS] KIETA-FYDA A *PRZGL LEK* 31: SUPPL066-9, 1974 POL

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[LABORATORY DIAGNOSTIC TESTS OF EARLY PERIOD OF DIABETES] SIERADZKI J *PRZGL LEK* 31: SUPPL070-4, 1974 POL

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LACTATING RAT

PLASMA GLUCOSE, PROGESTERONE AND IMMUNOREACTIVE INSULIN LEVELS IN THE LACTATING RAT. SUTTER-DUB MT, LECLERCO R, SUTTER BC, JACQUOT R *HORM METAB RES* 6: 297-300, JUL 74 ENG

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ADENOSINE 3:5-MONOPHOSPHATE AND HORMONE INTERRELATIONSHIPS IN THE MAMMARY GLAND OF THE RAT DURING PREGNANCY AND LACTATION. SAPAG-HAGAR M, GREENBAUM AL *EUR J BIOCHEM* 47: 303-12, 1 SEP 74 ENG

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LANGERHANS

[CHANGES IN THE INSULIN SECRETION OF ISOLATED LANGERHANS ISLANDS INDUCED BY TREATMENT WITH NEURAMINIDASE] HAHN HJ, HELLMAN B, LERNMARK A, TALJEDAL IB *ACTA BIOL MED GER* 32: 375-83, 1974 GER

LANGERHANS ISLET

ULTRAHISTOCHEMICAL DETECTION OF BIOGENIC AMINES IN A-CELLS OF LANGERHANS ISLETS OF SANDRATS (PSAMMOMYS OBUSUS) BY MEANS OF REINECKE-SALT. DORSCH HH VON, KRAUSE R, FEHRMANN P, SULZMANN R Z *MIKROSK ANAT FORSCH* 88: 413-6, 1974 ENG

LATENT DIABETES

[DETECTION OF LATENT DIABETES IN PREGNANCY BY MEANS OF GLUCOSE TOLERANCE TESTS] CAROLLO F, CADILIG ZWR 83: 321-7, 10 SEP 74 ITA

LATERAL HYPOTHALAMIC EATING THRESHOLD

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LEAN RAT

IN VIVO LIPOGENESIS AND ENZYME LEVELS IN ADIPOSE AND LIVER TISSUES FROM FAIR-FED GENETICALLY OBESE AND LEAN RATS. MARTIN RJ *LIFE SCI* 14: 1447-53, 16 APR 74 ENG

LECITHIN

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LENS PROTEIN

HUMAN CELLULAR IMMUNITY TO LENS LEUKOCYTE MIGRATION INHIBITION BY LENS PROTEIN. HENLEY WL, OKAS S, LEOPOLD IH *ARCH INTERN MED* 134: 684-8, OCT 74 ENG

LEUKOCYTE

[PROTEIN RELEASE FROM HUMAN LEUCOCYTES. INFLUENCE OF MEDIUM AND TIME OF INCUBATION (AUTHORS TRANSL.)] HOUPERT Y, LAHRICHI M, SAVIGNY P, SIEST G *CLIN CHIM ACTA* 52: 143-51, APR 74 FRE

LEUKOCYTE MIGRATION INHIBITION

HUMAN CELLULAR IMMUNITY TO LENS LEUKOCYTE MIGRATION INHIBITION BY LENS PROTEIN. HENLEY WL, OKAS S, LEOPOLD IH *ARCH INTERN MED* 134: 684-8, OCT 74 ENG

LINEAR STEADY-STATE

A LINEAR STEADY-STATE TREATMENT OF ENZYMATIC CHAINS. A MATHEMATICAL

MODEL OF GLYCOLYSIS OF HUMAN ERYTHROCYTES. RAPOPORT TA, HEINRICH R, JACOBASCH G, RAPOPORT S *EUR J BIOCHEM* 42: 107-20, 15 FEB 74 ENG

A LINEAR STEADY-STATE TREATMENT OF ENZYMATIC CHAINS. GENERAL PROPERTIES. CONTROL AND EFFECTOR STRENGTH. HEINRICH R, RAPOPORT TA *EUR J BIOCHEM* 42: 89-95, 15 FEB 74 ENG

LIPASE

HORMONAL CONTROL OF ADIPOSE TISSUE CLEARING FACTOR LIPASE ACTIVITY. DAVIES P, CRYER A, ROBINSON DS *FEBS LETT* 45: 271-5, 1 SEP 74 ENG

LIPID

PROCEEDINGS: GENETIC ENGINEERING OF MEMBRANE LIPID. SILBERT DF, CRONAN JE JR, BEACHAM IR, HARDER ME *FED PROC* 33: 1725-32, JUN 74 ENG

CHANGES IN MEMBRANE LIPID STRUCTURE OF ILLUMINATED CHLOROPLASTS: STUDIES WITH SPIN-LABELED AND FREEZE-FRACTURED MEMBRANES. TORRES-PEREIRA J, MEHLHORN R, KEITH AD, PACKER L *ARCH BIOCHEM BIOPHYS* 160: 90-9, JAN 74 ENG

SYNTHESIS OF LIPID BY FOAM CELLS IN ATHEROSCLEROTIC LESIONS. DAY AJ *VERH DTSCH GES INN MED* 79: 1474-5, 1973 ENG

LATERAL PHASE SEPARATION OF LIPIDS IN PLASMA MEMBRANES: EFFECT OF TEMPERATURE ON THE MOBILITY OF MEMBRANE ANTIGENS. PETIT VA, EDIDIN M *SCIENCE* 184: 1183-5, 14 JUN 74 ENG

[LIPIDS AND ATHEROSCLEROSIS] GONZALEZ SANTOS P, DE LA HIGUERA ROJAS J *REV CLIN ESP* 132: 387-98, 15 MAR 74 SPA [69]

LIPOPROTEINS AND LIPIDS IN DIABETICS WITH AND WITHOUT CORONARY HEART DISEASE. WILLE LE, AARSETH S J *OSLO CITY HOSP* 24: 113-27, SEP 74 ENG

SUBCUTANEOUS ADIPOSE TISSUE AND LIPIDS IN BLOOD IN GROWTH HORMONE DEFICIENCY BEFORE AND AFTER TREATMENT WITH HUMAN GROWTH HORMONE. BONNET F, VANDERSCHUEREN-LODEWEYCKX M, ECKELS R, MALVAUX P *PEDIATR RES* 8: 800-5, SEP 74 ENG

LIPID ALKYL CHAIN

PERTURBATIONS OF THE DYNAMICS OF LIPID ALKYL CHAINS IN MEMBRANE SYSTEMS: EFFECT ON THE ACTIVITY OF MEMBRANE-BOUND ENZYMES. ELETR S, WILLIAMS MA, WATKINS T, KEITH AD *BIOCHIM BIOPHYS ACTA* 339: 190-201, 15 MAR 74 ENG

LIPID ARCHITECTURE

FLUORESCENT PROBE ANALYSIS OF THE LIPID ARCHITECTURE OF NATURAL AND EXPERIMENTAL CHOLESTEROL-RICH MEMBRANES. VANDERKOOIJ J, FISCHKOFF S, CHANCE B, COOPER RA *BIOCHEMISTRY* 13: 1589-95, 9 APR 74 ENG

LIPID BILAYER

KINETICS OF THE OPENING AND CLOSING OF INDIVIDUAL EXCITABILITY-INDUCING MATERIAL CHANNELS IN A LIPID BILAYER. EHRENSTEIN G, BLUMENTHAL R, LATORRE R, LECAR H *J GEN PHYSIOL* 63: 707-21, JUN 74 ENG

INTERFACIAL PHOTOREACTIONS AND CHEMICAL CAPACITANCE IN LIPID BILAYERS. HONG FT, MAUZERALL D *PROC NATL ACAD SCI USA* 71: 1564-8, APR 74 ENG

LIPID DEPOSIT

LIPID DEPOSITS IN AGEING HUMAN ARTERIES, TENDONS AND FASCIA. ADAMS CW, BAYLISS OB, BAKER RW, ABDULLA YH, HUNTER-CRAIG CJ *ATHEROSCLEROSIS* 19: 429-40, MAY-JUN 74 ENG

LIPID FRACTION

[CHANGES IN THE PLASMA CONCENTRATION OF SOME LIPID FRACTIONS IN PATIENTS TREATED WITH ARTERIAL WALL EXTRACT] NATALE L *CLIN TER* 70: 17-62, 15 JUL 74 ITA

LIPID METABOLISM

[INFLUENCE OF A NEW ORAL HYPOGLYCEMIC PRODUCT (GLIBENCLAMIDE-PHENFORMIN) ON SOME ASPECTS OF LIPID METABOLISM] CERUSO D, SQUADRITO G, EMANUELE M, QUARTARONE M, BELLINGHERI G *BOLL SOC ITAL BIOL SPER* 49: 1285-9, 30 NOV 73 ITA

CYCLIC ADENOSINE MONOPHOSPHATE AND CLINICAL MEDICINE. 2. CARBOHYDRATE AND LIPID METABOLISM. KEIRNS JJ, FREEMAN J, BITENSKY MW *AM J MED SCI* 268: 62-91, AUG 74 ENG

EFFECTS OF MANNOHEPTULOSE ON LIPID METABOLISM OF RATS. KO E, BERDANIER CD *J NUTR* 104: 1227-33, OCT 74 ENG

LIPID METABOLISM DISORDER

[THE PREVALENCE OF LIPID METABOLISM DISORDERS IN RHEUMATOLOGICAL DISEASES] FRANK O, TIDL G *WIEN MED WOCHENSCHR* 124: 527-30, 14 SEP 74 GER

LIPID MOBILIZATION

GLUCOSE METABOLISM AND LIPID MOBILIZATION BY ADIPOCYTES FROM MICE SELECTED FOR GROWTH. MEARS GJ, MENDEL VE *J PHYSIOL (LOND)* 240: 609-24, AUG 74 ENG

LIPID, PLASMA

EFFECT OF BODY WEIGHT CHANGES ON PLASMA LIPIDS IN PATIENTS WITH PRIMARY HYPERLIPOPROTEINEMIA. LISCH HJ, BOLZANO K, HERBST M, SAILER S, SANDHOEFER F, BRAUNSTEINER H *ATHEROSCLEROSIS* 19: 477-84, MAY-JUN 74 ENG

LIPID RESPONSE

THE LIPID RESPONSE TO FEMALE GONADAL HORMONES OF MALE RATS GIVEN A HIGH-SUCROSE DIET. JEFFERYS DB, WHITE IR *PROC NUTR SOC* 32: 60A, SEP 73 ENG

LIPID, SERUM

EFFECTS OF DIETARY CARBOHYDRATES ON SERUM LIPIDS. MACDONALD I *PROG BIOCHEM PHARMACOL* 8: 216-41, 1973 ENG

SERUM LIPIDS OF YOUNG SHOW RACER AND WHITE CARNEAU PIGEONS FED A SEMIPURIFIED DIET WITH OR WITHOUT CHOLESTEROL. YOUNG F *J NUTR* 104: 719-25, JUN 74 ENG

LIPID SYNTHESIS

INHIBITION OF LIPID SYNTHESIS IN *ESCHERICHIA COLI* CELLS BY THE ANTIBIOTIC CERULENIN. GOLDBERG I, WALKER JR, BLOCH K *ANTIMICROB AGENTS CHEMOTHER* 3: 549-54, MAY 73 ENG

LIPOGENESIS

INHIBITION OF LIPOGENESIS BY CYCLIC AMP WITHOUT ALTERED LIPOLYSIS. MURTHY VK, STEINER G *CAN J BIOCHEM* 52: 259-62, MAR 74 ENG

IN VIVO LIPOGENESIS AND ENZYME LEVELS IN ADIPOSE AND LIVER TISSUES FROM PAIR-FED GENETICALLY OBESE AND LEAN RATS. MARTIN RJ *LIFE SCI* 14: 1447-53, 16 APR 74 ENG

LIPOLYSIS

INHIBITION OF LIPOGENESIS BY CYCLIC AMP WITHOUT ALTERED LIPOLYSIS. MURTHY VK, STEINER G *CAN J BIOCHEM* 52: 259-62, MAR 74 ENG

HORMONAL CONTROL OF LIPOLYSIS IN ADIPOSE TISSUE. STEINBERG G *ADV EXP MED BIOL* 26: 77-88, 1972 ENG [22]

LIPOLYSIS, AGING, AND HORMONES. Anonymous *NUTR REV* 32: 312-3, OCT 74 ENG [14]

SIMILAR EFFECTS OF CALITONIN, INSULIN AND SOMATOMEDIN A ON LIPOLYSIS AND UPTAKE OF CALCIUM AND GLUCOSE IN RAT ADIPOSE TISSUE IN VITRO. WERNER S, HALL K, LOW H *HORM METAB RES* 6: 319-25, JUL 74 ENG

THE ROLE OF CALCIUM IN INSULIN ACTION. I. PURIFICATION AND PROPERTIES OF ENZYMES REGULATING LIPOLYSIS IN HUMAN ADIPOSE TISSUE: EFFECTS OF CYCLIC-AMP AND CALCIUM IONS. KISSEBAH AH, VYDELINGUM N, TULLOCH BR, HOPE-GILL H, FRASER TR *HORM METAB RES* 6: 247-55, JUL 74 ENG

LIPOMATOSIS, SYMMETRIC

BENIGN SYMMETRIC LIPOMATOSIS: FUNCTIONAL SYMPATHETIC DENERVATION OF ADIPOSE TISSUE AND POSSIBLE HYPERTROPHY OF BROWN FAT. KODISH ME, ALSEVER RN, BLOCK MB *METABOLISM* 23: 937-45, OCT 74 ENG

LIPOPROTEIN

LIPOPROTEINS AND LIPIDS IN DIABETICS WITH AND WITHOUT CORONARY HEART DISEASE. WILLE LE, AARSETH S *J OSLO CITY HOSP* 24: 113-27, SEP 74 ENG

LIPOPROTEIN LIPASE

THE METABOLISM OF VERY LOW DENSITY LIPOPROTEIN AND CHYLOMICRONS BY PURIFIED LIPOPROTEIN LIPASE FROM RAT HEART AND ADIPOSE TISSUE. DOLPHIN PJ, RUBINSTEIN D *BIOCHEM BIOPHYS RES COMMUN* 57: 808-14, 8 APR 74 ENG

THE ROLE OF HEPARIN IN LIPOPROTEIN LIPASE ACTIVITY. ELKELES RS *HORM METAB RES* 6: 151-4, MAR 74 ENG

LIPOPROTEIN LIPASE ACTIVITIES IN TISSUES OF NORMAL AND GENETICALLY OBESE (OB-OB) MICE. RATH EA, HEMS DA, BELOFF-CHAIN A *DIABETOLOGIA* 10: 261-5, AUG 74 ENG

LIPOPROTEIN, LOW DENSITY

THE METABOLISM OF VERY LOW DENSITY LIPOPROTEIN AND CHYLOMICRONS BY PURIFIED LIPOPROTEIN LIPASE FROM RAT HEART AND ADIPOSE TISSUE. DOLPHIN PJ, RUBINSTEIN D *BIOCHEM BIOPHYS RES COMMUN* 57: 808-14, 8 APR 74 ENG

LIPOPROTEIN, PLASMA

CHARACTERIZATION OF THE PLASMA LIPOPROTEINS OF THE GENETICALLY OBESE HYPERLIPOPROTEINEMIC ZUCKER FATTY RAT. SCHONFELD G, FELSKEI C, HOWALD MA *J LIPID RES* 15: 457-64, SEP 74 ENG

LIPOPROTEIN, SERUM

SERUM LIPOPROTEINS IN PIGS ON HIGH-CHOLESTEROL-HIGH-TRIGLYCERIDE DIETS. CALVERT GD, SCOTT PJ *ATHEROSCLEROSIS* 19: 485-92, MAY-JUN 74 ENG

DIFFERENTIAL POSTPRANDIAL EFFECTS OF SINGLE FREE FATTY ACID OR FAT FEEDINGS ON SERUM LIPOPROTEINS. CHRISTOPHE A, VERDONK G *ARCH INT PHYSIOL BIOCHIM* 81: 961, DEC 73 ENG

LIPOSOME

PERMEABILITY CHANGES INDUCED BY PEROXIDATION IN LIPOSOMES PREPARED FROM HUMAN ERYTHROCYTE LIPIDS. SMOLEN JE, SHOHET SB *J LIPID RES* 15: 273-80, MAY 74 ENG

LITHIUM EFFECT

THE EFFECTS OF LITHIUM ON HIGH ENERGY PHOSPHATE AND GLUCOSE LEVELS IN THE RAT SUPERIOR CERVICAL GANGLION. ORGANISCIAC DT, KLINGMAN JD *J NEUROCHEM* 22: 341-5, MAR 74 ENG

LIVER

IN VIVO LIPOGENESIS AND ENZYME LEVELS IN ADIPOSE AND LIVER TISSUES FROM PAIR-FED GENETICALLY OBESE AND LEAN RATS. MARTIN RJ *LIFE SCI* 14: 1447-53, 16 APR 74 ENG

[ACTION OF STREPTOMYCIN ON THE GLYCOLYTIC ENZYME ACTIVITY OF THE LIVER AND THE MYOCARDIUM] PRIEZZHEVA ON *FARMATSHIA* 22: 711-3, NOV-DEC 73 RUS

[THE CONTRIBUTION OF ISOLATED RABBIT LIVER PERFUSION TO THE STUDY OF INSULIN ACTION ON CARBOHYDRATE METABOLISM OF THE LIVER] DORNER M, BROGARD JM, HAEGELE P, STAHL J *JOURN ANNU DIABETOL HOTEL DIEU* 13: 173-86, 1972 FRE [47]

CARBOHYDRATE INTOLERANCE IN IDIOPATHIC HAEMOCHROMATOSIS AND CIRRHOSIS OF THE LIVER. STOCKS AE, POWELL LW *Q J MED* 42: 733-49, OCT 73 ENG

EFFECT OF DIABETES IN PREGNANCY ON RAT MATERNAL LIVER DELTA 4-3-KETONE-STEROID REDUCTASE. SYBULSKI S, MAUGHAN GB *EXPERIENTIA* 30: 1091-2, 15 SEP 74 ENG

THE FATTY ACID COMPOSITION OF THE TRIGLYCERIDES IN LIVER AND SUBCUTANEOUS FAT IN DIABETICS IN DEPENDENCE ON LIVER FATTY DEGENERATION. SINGER P, GNAUCK G, HONIGMANN G *ACTA MED POL* 15: 27-37, 1974 ENG

LIVER CIRRHOSIS

LETTER: AMMONIA AND CARBOHYDRATE METABOLISM IN CIRRHOSIS. GIPS CH N *ENGL J MED* 291: 795-6, 10 OCT 74 ENG

LIVER DISEASE

[CATAMNESTIC STUDIES ON PATIENTS WITH CHRONIC LIVER DISEASES IN A LIVER SANATORIUM] JORKE D, TAESCHNER H, WAGNER M, REINHARDT M Z *GESAMTE INN MED* 29: 580-7, 15 JUL 74 GER

LIVER, FISH

FISH LIVER FRUCTOSE 1,6-DIPHOSPHATASE. II. NEUTRAL AND ALKALINE FORMS. GONZALEZ F, GONZALEZ AM, MARCUS F *COMP BIOCHEM PHYSIOL [B]* 48: 67-73, 15 MAY 74 ENG

LIVER, FUNCTIONAL STATE

[PHYSICO-CHEMICAL PROPERTIES OF BLOOD AND FUNCTIONAL STATE OF THE LIVER IN DIABETES MELLITUS] OVCHARENKO LI *VRACH DELO* 0: 70-3, AUG 74 RUS

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[ENZYME EXCHANGE IN THE LIVER OF MAMMALS] URETA T *ARCH BIOL MED EXP (SANTIAGO)* 7: 53-69, MAR-NOV 70 SPA [68]

LIVER, MOUSE

EFFECT OF STREPTOZOTOCIN-DIABETES ON IN VIVO PROTEIN SYNTHESIS BY PLACENTA AND LIVER OF MICE. TARACHAND U, EAPEN J *HORM METAB RES* 6: 280-3, JUL 74 ENG

INFLUENCE OF RADIOPROTECTIVE SUBSTANCES ON THE LEVEL OF GLYCOLYTIC COMPONENTS IN BLOOD PLASMA AND LIVER. EXPERIMENTS ON MICE. VENINGA T, LEMSTRA W *ACTA RADIOL [SUPPL] (STOCKH)* 310: 238-41, 1971 ENG

LIVER, PERFUSED RAT

PROSTAGLANDIN INDUCTION OF MITOCHONDRIAL RESPIRATION AND ADAPTIVE CHANGES OF ENZYMES IN THE PERFUSED RAT LIVER. WIMHURST JM, HARRIS EJ *EUR J BIOCHEM* 42: 33-43, 15 FEB 74 ENG

ACTIVATION OF GLYCOGENOLYSIS IN PERFUSED RAT LIVERS BY GLUCAGON AND METABOLIC INHIBITORS. JAKOB A, DIEM S *BIOCHIM BIOPHYS ACTA* 362: 469-79, 8 OCT 74 ENG

EFFECTS OF GLUCAGON ON GENERAL PROTEIN DEGRADATION AND SYNTHESIS IN PERFUSED RAT LIVER. WOODSIDE KH, WARD WF, MORTIMORE GE *ARCH GEN PSYCHIATRY* 31: 5458-63, SEP 74 ENG

LIVER, RABBIT

STABILIZATION OF ACTIVE FORM OF RABBIT LIVER PHOSPHOFRUCTOKINASE. KARADSEH NS, ANANTHANARAYANAN M, RAMAIAH A *BIOCHEM BIOPHYS RES COMMUN* 57: 771-9, 8 APR 74 ENG

[THE CONTRIBUTION OF ISOLATED RABBIT LIVER PERFUSION TO THE STUDY OF INSULIN ACTION ON CARBOHYDRATE METABOLISM OF THE LIVER] DORNER M, BROGARD JM, HAEGELE P, STAHL J *JOURN ANNU DIABETOL HOTEL DIEU* 13: 172-8., 1972 FRE [47]

LIVER, RAT

LIVER, RAT

THE PREPARATION AND CHARACTERIZATION OF PURE RAT LIVER GLUCOKINASE. GROSSMAN SH, DORN CG, POTTER VR *J CLIN INVEST* 53: 3055-60, JUN 74 ENG

AN ULTRASTRUCTURAL STUDY OF PEROXYDATIC AND PHAGOCYTIC ACTIVITIES OF TWO TYPES OF SINUSOIDAL LINING CELLS IN RAT LIVER. OGAWA K, MINASE T, YOKOYAMA S, ONOE T *TOHOKU J EXP MED* 111: 253-9, NOV 73 ENG

EFFECT OF GLUCAGON, DIBUTYRYL ADENOSINE 3,5-CYCLIC MONOPHOSPHATE AND PHOSPHODIESTERASE INHIBITORS ON RAT LIVER PHOSPHORYLASE ACTIVITY AND ADENOSINE 3,5-CYCLIC MONOPHOSPHATE LEVELS. INGEBRETSEN C, CLARK JF, ALLEN DO, ASHMORE J *BIOCHEM PHARMACOL* 23: 2139-46, AUG 74 ENG

STUDIES ON CELLULAR AUTOPHAGOCYTOSIS. VINBLASTINE-INDUCED AUTOPHAGY IN THE RAT LIVER. ARSTILA AU, NUUJA IJ, TRUMP BF *EXP CELL RES* 87: 249-52, AUG 74 ENG

LIVER SANATORIUM

[CATAMNESTIC STUDIES ON PATIENTS WITH CHRONIC LIVER DISEASES IN A LIVER SANATORIUM] JORKE D, TAESCHNER H, WAGNER M, REINHARDT M *Z GESAMTE INN MED* 29: 580-7, 15 JUL 74 GER

LIVER, SHEEP

[ENZYMATIC TRANSFORMATION OF GLUCOSE-1-PHOSPHATE BY SHEEP LIVER EXTRACTS] VOVK IN *UKR BIOKHM ZH* 45: 609-14, SEP-OCT 73 UKR

LOADING

EFFECTS OF INSULIN AND OF METABOLITE LOADING ON BLOOD METABOLITES IN THE EUROPEAN SILVER EEL, (*ANGUILLA ANGUILLA* L.). INCE BW, THORPE A *GEN COMP ENDOCRINOL* 23: 460-71, AUG 74 ENG

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INJECTABLE LONG-ACTING PROGESTOGEN CONTRACEPTION: A NEGLECTED MODALITY. ROSENFELD AG *AM J OBSTET GYNECOL* 120: 537-48, 15 OCT 74 ENG [90]

LONG CHAIN

LONG CHAIN ENOYL COENZYME A HYDRATASE FROM PIG HEART. SCHULZ H *J BIOL CHEM* 249: 2704-9, 10 MAY 74 ENG

LOW PROTEIN HIGH STARCH DIET

THE INFLUENCE OF ORAL CONTRACEPTIVES ON THE EFFECT OF LOW-PROTEIN-HIGH SUCROSE OR LOW-PROTEIN-HIGH-STARCH DIETS ON MALE RATS. JEFFERYS DB, WHITE IR *PROC NUTR SOC* 32: 81A-82A, SEP 73 ENG

LOW PROTEIN HIGH SUCROSE DIET

THE INFLUENCE OF ORAL CONTRACEPTIVES ON THE EFFECT OF LOW-PROTEIN-HIGH SUCROSE OR LOW-PROTEIN-HIGH-STARCH DIETS ON MALE RATS. JEFFERYS DB, WHITE IR *PROC NUTR SOC* 32: 81A-82A, SEP 73 ENG

LOWER EXTREMITY

AMPUTATIONS OF THE LOWER EXTREMITY: A STUDY OF 194 CASES. KERSTEIN MD, ZIMMER H, DUGDALE FE, LERNER E *ARCH PHYS MED REHABIL* 55: 454-9, OCT 74 ENG

LOWER LIMB

[THE TREATMENT OF DIABETIC ARTERITIS OF THE LOWER LIMBS BY TRIVASTAL] Anonymous *JOURN ANNU DIABETOL HOTEL DIEU* 13: 326-31, 1972 FRE

LUNG

PREDICTION OF FETAL LUNG AND KIDNEY MATURITY BY DETERMINATION OF AMNIOTIC FLUID LECITHIN: SPHINGOMYELIN RATIO AND CREATININE CONCENTRATION. PATON RD, LOGAN RW, MACVICAR J *SCOTT MED J* 19: 229-32, SEP 74 ENG

LUTEINIZING HORMONE

EFFECT OF L-DOPA ON PLASMA GHG, LH, FSH AND 11-OH-CS IN NORMAL ADULT SUBJECTS. DELITALA G, MASALA A, ROLANDI E *FOLIA ENDOCRINOL (ROMA)* 27: 279-89, JUN 74 ENG

SERUM GONADOTROPINS (LH AND FSH) AND THEIR RESPONSE TO SYNTHETIC LHRH IN DIABETIC MEN WITH AND WITHOUT IMPOTENCE. RASTOGI GK, CHAKRABORTI J, SINHA MK *HORM METAB RES* 6: 335-6, JUL 74 ENG

SIMULTANEOUS EVALUATION OF THE PITUITARY RESERVE OF GH, TSH, ACTH AND LH IN CHILDREN. SATO T, INOUE M, MASUYAMA T, SUZUKI Y, IZUMISAWA A *J CLIN ENDOCRINOL METAB* 39: 595-9, SEP 74 ENG

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[ACTIVITY OF SOME ENZYMES OF GLYCOGEN METABOLISM IN THE WALL OF LYMPHATIC AND BLOOD VESSELS] GERLI R, POMPUCCI G, FRUSCHELLI C *BOLL SOC ITAL BIOL SPER* 49: 762-5, 30 JUL 73 ITA

LYMPHOBLASTIC LEUKEMIA

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CYCLIC AMP-DEPENDENT PROTEIN KINASE ACTIVITY IN A CELL MEMBRANE-ENRICHED SUBCELLULAR FRACTION OF PIG MYOCARDIUM. KRAUSE EG, WILL H, PELOUCH V, WOLLENBERGER A. *ACTA BIOL MED GER* 31: K37-43, 1973 ENG

BINDING OF CALCIUM TO A CELL MEMBRANE-ENRICHED PREPARATION FROM PIG MYOCARDIUM: INCREASE IN CALCIUM AFFINITY UPON MEMBRANE PROTEIN PHOSPHORYLATION ENHANCED BY A MEMBRANE-BOUND CYCLIC AMP-DEPENDENT PROTEIN KINASE. WILL H, SCHIRPKE B, WOLLENBERGER A. *ACTA BIOL MED GER* 31: K45-52, 1973 ENG

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EFFECT OF STREPTOZOTOCIN-DIABETES ON IN VIVO PROTEIN SYNTHESIS BY PLACENTA AND LIVER OF MICE. TARACHAND U, EAPEN J. *HORM METAB RES* 6: 280-3, JUL 74 ENG

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PALMITATE AND PROTEIN SYNTHESIS IN CARDIAC MUSCLE. Anonymous. *NUTR REV* 32: 310-1, OCT 74 ENG [3]

PROTEIN SYNTHESIS IN CELLS OF VARIOUS PARTS OF THE EXOCRINE EPITHELIUM OF THE RAT PANCREAS. UTEKHIN VI. *BULL EXP BIOL MED* 77: 281-3, SEP 74 ENG

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PUBLIC HEALTH

DEPARTMENT OF HEALTH AND SOCIAL SECURITY. REPORTS ON PUBLIC HEALTH AND MEDICAL SUBJECTS. NO. 128. THE INCIDENCE AND CAUSES OF BLINDNESS IN ENGLAND AND WALES 1963-68. WITH AN APPENDIX ON SERVICES AVAILABLE FOR INCIPIENT BLINDNESS. SORSBY A REP PUBLIC HEALTH MED SUBJ (LOND) 0: 1-72, 1972 ENG

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ENG
- THE REACTIVE PHASE OF DIABETIC
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- VASCULAR BASEMENT MEMBRANE
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MONTGOMERY LECTURE, 1973. ASHTON
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26: 195-205, 1972 ENG

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WALES

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OPHTHALMIC MANIFESTATIONS OF SYSTEMIC VASCULAR DISEASE. COGAN DG *MAJOR PROBL INTERN MED* 3: 1-187, 1974 *ENG* [709]

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ADOLESCENCE; ADULT; AGED; DIABETES MELLITUS (complications); ENGLISH ABSTRACT; FEMALE; GOUT (etiology); HUMAN; MALE; MIDDLE AGE.

COY DH

UNALTERED PLASMA GH LEVELS IN ACROMEGALICS AND NORMAL MEN AND WOMEN AFTER ADMINISTRATION OF (PYRO)GLU-SER-GLY-NH₂, A PROPOSED GH-RELEASING HORMONE. GONZALEZ-BARCENA D, KASTIN AJ, COY DH, GLICK S, SCHALCH DS, LEE LA, ARZAC JP, SCHALLY AV *J CLIN ENDOCRINOL METAB* 38: 1134-6, JUN 74 ENG

CRAIG LC

PHOTOAFFINITY LABELING OF PEPTIDE HORMONE BINDING SITES. GALARDY RE, CRAIG LC, JAMIESON JD, PRINTZ MP *J BIOL CHEM* 249: 3510-8, 10 JUN 74 ENG

CREUTZFELDT M

CANDIDATE HORMONES OF THE GUT. XV. INSULIN-RELEASING FACTORS OF THE GASTROINTESTINAL MUCOSA (INCRETIN). CREUTZFELDT M *GASTROENTEROLOGY* 67: 748-50, OCT 74 ENG [37]
ANIMAL EXPERIMENTS; DOGS; GASTRIC MUCOSA (secretion); GASTROINTESTINAL HORMONES (pharmacodynamics); HUMAN; INSULIN (secretion); INTESTINAL MUCOSA (secretion); PANCREAS (drug effects); PEPTIDES (pharmacodynamics); REVIEW.

CREUTZFELDT W

INTESTINAL BRUSH BORDER ENZYME ACTIVITY IN JUVENILE AND MATURITY ONSET DIABETES MELLITUS. CASPARY WF, WINCKLER K, CREUTZFELDT W *DIABETOLOGIA* 10: 353-55, AUG 74 ENG

CRISS WE

MODULATION OF MITOCHONDRIAL ADENYLATE KINASE BY CITRIC-ACID-CYCLE INTERMEDIATES. PRADHAN TK, CRISS WE *EUR J BIOCHEM* 43: 541-7, 16 APR 74 ENG

CRNEK S

[REHABILITATION OF PATIENTS WITH DIABETES] CRNEK S, SKRABALO Z Z *GESAMTE HYG* 20: 371-7, JUN 74 GER
DIABETES MELLITUS (rehabilitation); ENGLISH ABSTRACT; HUMAN.

CRONAN JE JR

PROCEEDINGS: GENETIC ENGINEERING OF MEMBRANE LIPID. SILBERT DF, CRONAN JE JR, BEACHAM JR, HARDER ME *FED PROC* 33: 1725-32, JUN 74 ENG

CRUESS S

SURVIVAL AND GROWTH IN A WOMAN WITH UNTREATED HYPOTHALAMIC PANHYPOPITUITARISM OF 21 YEARS DURATION. TOLIS G, CRUESS S, GOLDSTEIN M, FRIESEN HG, ROCHEFORT JG *CAN MED ASSOC J* 111: 553-6, 21 SEP 74 ENG

CRYER A

HORMONAL CONTROL OF ADIPOSE TISSUE CLEARING FACTOR LIPASE ACTIVITY. DAVIES P, CRYER A, ROBINSON DS *FEBS LETT* 45: 271-5, 1 SEP 74 ENG

CUMME GA

ACID DISSOCIATION AND COMPLEX FORMATION OF GLYCOLYTIC METABOLITES WITH MAGNESIUM, POTASSIUM AND SODIUM. DETERMINATION OF ACIDITY AND STABILITY CONSTANTS BY PH TITRATION. ACHILLES W, CUMME GA, HOPPE H *ACTA BIOL MED GER* 31: 763-70, 1973 ENG

CURTIS D

EFFECT OF CYCLIC NUCLEOTIDES ON THE INDUCTION OF ORNITHINE DECARBOXYLASE IN BHK CELLS BY SERUM AND INSULIN. HOGAN B, SHIELDS R, CURTIS D *CELL* 2: 229-33, AUG 74 ENG

CURTIS-PRIOR PB

EFFECT OF THE SODIUM SALT AND ETHYL ESTER OF ALPHA-P-CHLOROPHENOXYISOBUTYRIC ACID (CLOFIBRATE) ON A FAT-MOBILIZING FACTOR IN SERUM. CURTIS-PRIOR PB *ATHEROSCLEROSIS* 19: 463-7, MAY-JUN 74 ENG

ADENOSINE CYCLIC 3,5 MONOPHOSPHATE (antagonists & inhibitors); ADIPOSE TISSUE (cytology, drug effects, metabolism); ANIMAL EXPERIMENTS; CELL MEMBRANE (drug effects); CLOFIBRATE (therapeutic use, pharmacodynamics); DOSE-RESPONSE RELATIONSHIP, DRUG; ESTERS (pharmacodynamics); GLYCERIN (metabolism); HYPERLIPEMIA (drug therapy); LIPID MOBILIZATION (drug effects); LIPIDS (metabolism); MALE; PEPTIDES (antagonists & inhibitors, blood); RATS; SALTS (pharmacodynamics); SODIUM.

CUTILLO S

EFFECT OF OROTIC ACID UPON SERUM BILIRUBIN IN NEWBORN INFANTS WITH ERYTHROCYTE G-6-PD DEFICIENCY. CUTILLO S, MELONI T, DORE A *ACTA PAEDIATR SCAND* 63: 143-6, JAN 74 ENG

ADMINISTRATION, ORAL; BILIRUBIN (blood); BIRTH WEIGHT; BLOOD SUGAR; BODY WEIGHT; ERYTHROCYTES (cytology); EXCHANGE TRANSFUSION; GLUCOSEPHOSPHATE DEHYDROGENASE (blood); GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY (blood, drug therapy); HEMATOCRIT; HEMOGLOBIN (metabolism); HUMAN; INFANT, NEWBORN; MALE; OROTIC ACID (administration & dosage, therapeutic use).

CZECH MP

HEXOSE TRANSPORT IN ISOLATED BROWN FAT CELLS. A MODEL SYSTEM FOR INVESTIGATING INSULIN ACTION ON MEMBRANE TRANSPORT. CZECH MP, LAWRENCE JC JR, LYNN WS *ARCH GEN PSYCHIATRY* 31: 5421-7, SEP 74 ENG

ANIMAL EXPERIMENTS; BIOLOGICAL TRANSPORT; BIOLOGICAL TRANSPORT, ACTIVE; BROWN FAT (metabolism, drug effects, cytology); CARBON RADIOISOTOPES; CELL MEMBRANE (metabolism, drug effects); COMPARATIVE STUDY; CYTOCHALASIN B (pharmacodynamics); DIFFUSION; FEMALE; GLUCOSE (metabolism, pharmacodynamics); HYDROGEN PEROXIDE (pharmacodynamics); INSULIN (pharmacodynamics); KINETICS; METHYLGLUCOSIDES (metabolism); METHYLGLYCOSIDES (metabolism); PHLORHIZIN (pharmacodynamics); RATS; SPERMINE (pharmacodynamics); SWINE; TEMPERATURE; TIME FACTORS; TRITIUM; VITAMIN K (pharmacodynamics).

CZERNIAKOWSKA K

EFFECT OF GLUCAGON ON BLOOD ELECTROLYTES AND GLUCOSE LEVELS IN MAN. KOBIELSKI J, CZERNIAKOWSKA K, SOKOT-KOBIELSKA E, HOSZOWSKI K *ANAESTH RESUSC INTENSIVE THER* 1: 195-201, JUL-SEP 73 ENG

CZITRON B

DIAGNOSTIC VALUE OF THE PAS-POSITIVE LYMPHOCYTE INDEX IN DIABETES. SER I, CZITRON B *ISR J MED SCI* 10: 486-9, MAY 74 ENG

DALTON C

CYCLIC AMP REGULATION OF PROSTAGLANDIN BIOSYNTHESIS IN FAT CELLS. DALTON C, HOPE WC *PROSTAGLANDINS* 6: 227-242, 10 MAY 74 ENG

ADENOSINE CYCLIC 3,5 MONOPHOSPHATE (pharmacodynamics); ADIPOSE TISSUE (drug effects); ANIMAL EXPERIMENTS; ARACHIDONIC ACID (metabolism); BIOLOGICAL ASSAY; CHROMATOGRAPHY, GAS; CHROMATOGRAPHY, THIN LAYER; DEPRESSION, CHEMICAL; DIBUTYRYL CYCLIC AMP (pharmacodynamics); DOSE-RESPONSE RELATIONSHIP, DRUG; FATTY ACIDS (metabolism); INDOMETHACIN (pharmacodynamics); LINOLENIC ACID (metabolism); LIPIDS (metabolism); MALE; METHODS; NOREPINEPHRINE (administration & dosage, pharmacodynamics); PHOSPHOLIPIDS (metabolism); PROSTAGLANDINS (metabolism, biosynthesis); RATS; SPECTRUM ANALYSIS, MASS; STIMULATION, CHEMICAL; THEOPHYLLINE (pharmacodynamics).

DAM K VAN

THE MOVEMENT OF MONOCARBOXYLIC ACIDS ACROSS PHOSPHOLIPID MEMBRANES: EVIDENCE FOR AN EXCHANGE DIFFUSION BETWEEN PYRUVATE AND OTHER MONOCARBOXYLATE IONS. BAKKER EP, DAM K VAN *BIOCHIM BIOPHYS ACTA* 339: 285-9, 15 MAR 74 ENG

DAMORE I

[PRELIMINARY OBSERVATIONS ON THE BEHAVIOR OF THE PANCREATIC ISLETS IN RABBITS FED A HIGH CHOLESTEROL DIET (WITH OR WITHOUT INTRAVENOUS INJECTIONS OF TWEEN 80)] DAMORE I, PAPI F, PESCATORI GF, WEBER G *BOLL SOC ITAL BIOL SPER* 49: 1019-21, 30 SEP 73 ITA

ANIMAL EXPERIMENTS; CHOLESTEROL (metabolism); CHOLESTEROL, DIETARY (adverse effects); HYPERCHOLESTEREMIA (pathology); HYPERLIPEMIA (pathology); ISLANDS OF LANGERHANS (pathology); LIPOPROTEINS (blood); PANCREATIC DISEASES (etiology, pathology); RABBITS; SURFACE-ACTIVE AGENTS (pharmacodynamics); TWEENS (pharmacodynamics).

DANDREA-PETRELLI L

[GLUCAGON AND RENAL FUNCTION] SQUADRITO G, CERUSO D, FRISINA N, DANDREA-PETRELLI L, BELLINGHERI G *BOLL SOC ITAL BIOL SPER* 49: 1296-302, 30 NOV 73 ITA

DANIEL O

USE OF GLUCAGON IN THE TREATMENT OF ACUTE DIVERTICULITIS. DANIEL O, BASU PK, AL-SAMARRAE HM *BR MED J* 3: 720-2, 21 SEP 74 ENG

ADULT; AGED; CONSTIPATION (drug therapy); DIARRHEA (drug therapy); DIVERTICULITIS, COLONIC (drug therapy); FEMALE; GASTROINTESTINAL MOTILITY (drug effects); GLUCAGON (therapeutic use, administration & dosage, adverse effects, pharmacodynamics); HUMAN; INJECTIONS, INTRAVENOUS; LEUKOCYTE COUNT; MALE; MIDDLE AGE; NAUSEA (chemically induced); VOMITING (chemically induced).

DANIEL PM

PROCEEDINGS: THE EFFECT OF INSULIN UPON THE MOVEMENT OF GLUCOSE INTO

DANIEL RR

THE SKELETAL MUSCLE OF THE RAT IN VIVO. DANIEL PM, LOVE ER, PRATT OE *J PHYSIOL (LOND)* 239: 90P-91P, JUN 74 ENG
ANIMAL EXPERIMENTS; BLOOD SUGAR; CARBON RADIOISOTOPES; GLUCOSE (metabolism); HYPERGLYCEMIA (metabolism); INSULIN (pharmacodynamics); MUSCLES (metabolism, drug effects); PECTORALIS MUSCLES (metabolism); RATS.

DANIEL RR

CARBOHYDRATE METABOLISM IN PREGNANCY. XI. RESPONSE OF PLASMA GLUCAGON TO OVERNIGHT FAST AND ORAL GLUCOSE DURING NORMAL PREGNANCY AND IN GESTATIONAL DIABETES. DANIEL RR, METZGER BE, FREINKEL N, FALOONA GR, UNGER RH, NITZAN M *DIABETES* 23: 771-6, SEP 74 ENG
ADMINISTRATION; ORAL; CARBOHYDRATES (metabolism); DRUG HYPERSENSITIVITY; FASTING; FEMALE; GLUCAGON (blood); GLUCOSE (administration & dosage); HUMAN; HYPERGLYCEMIA (metabolism); HYPERINSULINISM (metabolism); PARITY; PREGNANCY IN DIABETES (metabolism); PREGNANCY; PREGNANCY, THIRD TRIMESTER; PUERPERIUM; TIME FACTORS.

DANIEL U

[ENDOCRINE SECRETORY DISORDERS IN CHRONIC PANCREATITIS (AUTHORS TRANSL.) GRABNER W, PHILLIP J, MAYER A, DANIEL U, MATZKIES F *DTSCH MED WOCHENSCHR* 99: 445-8, 8 MAR 74 GER

DANNENBERG C

[PREVENTION OF THE MANIFESTATION OF DIABETES MELLITUS THROUGH DIETETIC AND DRUG MEASURES. I. THEORETICAL AND CLINICAL ASPECTS WITH REFERENCE TO THE INSULIN FINDINGS IN THE PERIPHERAL VENOUS BLOOD] WUSTENBERG PW, WERNER P, DANNENBERG C, MICHAELIS D Z *GESAMTE INN MED* 29: 221-7, 15 MAR 74 GER [109]

DAS I

PLASMA ADENOSINE 3,5-MONOPHOSPHATE IN ANTIINSULIN-TREATED RATS. DAS I *EXPERIENTIA* 30: 860, 15 AUG 74 ENG
ADENOSINE CYCLIC 3,5 MONOPHOSPHATE (blood); ANIMAL EXPERIMENTS; BLOOD SUGAR; INSULIN ANTIBODIES; RATS.

DAUCHY F

[VALUE OF POST-PRANDIAL GLYCEMIA IN THE CONTROL OF DIABETES] KOPF A, TCHOBROUTSKY G, ESCHWEGE E, DAUCHY F *JOURN ANNU DIABETOL HOTEL DIEU* 13: 279-83, 1972 FRE

DAUGHADAY WH

THYROTROPIN-RELEASING HORMONE STIMULATION AND SOMATOSTATIN INHIBITION OF GROWTH HORMONE SECRETION FROM PERFUSED RAT ADENOHYPOPHYSES. CARLSON HE, MARIZ IK, DAUGHADAY WH *ENDOCRINOLOGY* 94: 1709-13, JUN 74 ENG

DAVIA JE

CORONARY ARTERY DISEASE IN YOUNG PATIENTS: ARTERIOGRAPHIC AND CLINICAL REVIEW OF 40 CASES AGED 35 AND UNDER. DAVIA JE, HALLAL FJ, CHEITLIN MD, GREGORATOS G, MCCARTY R, FOOTE W *AM HEART J* 87: 689-96, JUN 74 ENG
ADULT; AGE FACTORS; ANGINA PECTORIS (etiology); BLOOD PRESSURE; BLOOD PROTEINS; BLOOD SUGAR; CORONARY DISEASE (blood, familial & genetic, radiography, diagnosis); CORONARY VESSELS (radiography); ELECTROCARDIOGRAPHY;

FEMALE; HUMAN; LIPOPROTEINS (blood); MALE; MYOCARDIAL INFARCT (complications); OBESITY (complications); SMOKING.

DAVIES DS

MEASUREMENT OF PLASMA CONCENTRATIONS OF TOLBUTAMIDE BY SIMPLIFIED GAS-LIQUID CHROMATOGRAPHY. VAJDA FJ, WILLIAMS F, DAVIES DS *MED J AUST* 2: 64-5, 13 JUL 74 ENG

DAVIES P

HORMONAL CONTROL OF ADIPOSE TISSUE CLEARING FACTOR LIPASE ACTIVITY. DAVIES P, CRYER A, ROBINSON DS *FEBE LETT* 45: 271-5, 1 SEP 74 ENG
ADIPOSE TISSUE (enzymology, drug effects); ANIMAL EXPERIMENTS; COMPARATIVE STUDY; CYCLOHEXIMIDE (pharmacodynamics); EPIDIDYMIS; EPINEPHRINE (pharmacodynamics); GEL FILTRATION; GLUCOSE (pharmacodynamics); HEPARIN (pharmacodynamics); INSULIN (pharmacodynamics); LIPID MOBILIZATION (drug effects); LIPOPROTEIN LIPASE (metabolism); MALE; RATS; STARVATION; TIME FACTORS; ULTRAFILTRATION.

DAVIS BK

DIFFUSION OF POLYMER GEL IMPLANTS. DAVIS BK *PROC NATL ACAD SCI USA* 71: 3120-3, AUG 74 ENG

ACRYLAMIDES; ANIMAL EXPERIMENTS; BIOLOGIC AVAILABILITY; DELAYED-ACTION PREPARATIONS; DIFFUSION; GELS; HAMSTERS; HYDROGEN-ION CONCENTRATION; IMMUNOGLOBULINS (administration & dosage); INSULIN (administration & dosage, metabolism); IODINE RADIOISOTOPES; LH (administration & dosage); MESOCRITETUS; PHARMACEUTIC AIDS; POLYVINYLPIRROLIDONE; PROSTAGLANDINS (administration & dosage, metabolism); SERUM ALBUMIN, BOVINE (administration & dosage, metabolism); TEMPERATURE; TRITIUM.

DAVIS JW

ADENOSINE DIPHOSPHATE-INDUCED PLATELET AGGREGATION OF HOSPITALIZED MEN. DAVIS JW, YUE KT, PHILLIPS PE, MCFIELD JR *SCAND J HAEMATOL* 13: 17-23, 1974 ENG

ADENOSINE DIPHOSPHATE (pharmacodynamics); AGE FACTORS; BLOOD CELL COUNT; BLOOD PLATELETS (drug effects); BLOOD SUGAR (metabolism); CAUCASIAN RACE; CHROMATOGRAPHY, THIN LAYER; COMPARATIVE STUDY; CORONARY DISEASE (blood); DIABETES MELLITUS (blood); FATTY ACIDS, NONESTERIFIED (blood); GLUCOSE TOLERANCE TEST; HUMAN; MALE; MIDDLE AGE; NEGROID RACE; PLATELET ADHESIVENESS (drug effects); PLATELET AGGREGATION (drug effects); STIMULATION, CHEMICAL; TIME FACTORS; TRIGLYCERIDES (blood).

DAVISON JM

HISTORY OF THE MEASUREMENT OF GLUCOSE IN URINE: A CAUTIONARY TALE. DAVISON JM, CHEYNE GA *MED HIST* 18: 194-7, APR 74 ENG
CHEMISTRY, CLINICAL (history); COPPER; GLYCOSURIA (history); HISTORICAL ARTICLE; HISTORY OF MEDICINE, 20TH CENT.; HUMAN; METHODS; PICRATES.

DAY AJ

SYNTHESIS OF LIPID BY FOAM CELLS IN ATHEROSCLEROTIC LESIONS. DAY AJ *VERH DTSCH GES INN MED* 79: 1474-5, 1973 ENG
ANIMAL EXPERIMENTS; ARTERIOSCLEROSIS (metabolism); AUTORADIOGRAPHY; CAR-

BON RADIOISOTOPES; HUMAN; LIPIDS (biosynthesis); PHOSPHORUS RADIOISOTOPES.

DAYTON S

OXIDATION OF PALMITYL-COA TO CO₂ BY NORMAL AND ATHEROSCLEROTIC AORTIC MITOCHONDRIA. HASHIMOTO S, DAYTON S *LIFE SCI* 14: 945-55, 1 MAR 74 ENG

DE CESPEDES C

MODIFIED TRANSPORT SUBSTRATES AS PROBES FOR INTRAMEMBRANE GRADIENTS. CHRISTENSEN HN, DE CESPEDES C, HANDLOGTEN ME, RONQUIST G *ANN NY ACAD SCI* 227: 355-79, 18 FEB 74 ENG

DE FLOMBAUM MA

PHOSPHENOLPYRUVATE CARBOXYKINASES FROM BAKERS YEAST. KINETICS OF PHOSPHENOLPYRUVATE FORMATION. CANNATA JJ, DE FLOMBAUM MA *J BIOL CHEM* 249: 3356-65, 10 JUN 74 ENG

DE LA HIGUERA ROJAS J

[LIPIDS AND ATHEROSCLEROSIS] GONZALEZ SANTOS P, DE LA HIGUERA ROJAS J *REV CLIN ESP* 132: 387-98, 15 MAR 74 SPA [69]

DE NAYER P

EFFECT OF CYCLIC 3,5 GMP ON IN VITRO PROTEIN SYNTHESIS. DE NAYER P *BIOCHIMIE* 55: 1507-9, 1973 ENG
ADENOSINE CYCLIC 3,5 MONOPHOSPHATE (pharmacodynamics); ADENOSINE TRIPHOSPHATE (pharmacodynamics); ANIMAL EXPERIMENTS; CATTLE; GUANOSINE CYCLIC 3,5 MONOPHOSPHATE (pharmacodynamics); GUANOSINE TRIPHOSPHATE (pharmacodynamics); IN VITRO; POLYRIBOSOMES; PROTEINS (biosynthesis); STIMULATION, CHEMICAL; THYROID GLAND (cytology, drug effects, metabolism); TRICARBOXYLIC ACIDS (pharmacodynamics).

DEBES AC

[GOUT IN DIABETES MELLITUS] COSSERMELLI W, CARDOSO A, NETTO MP, DEBES AC, PASQUALIN JR, GALLETTA VP, AZUL LG *REV ASSOC MED BRAS* 20: 251-4, JUL 74 POR

DEBRY G

[THE CONTINUOUS RECORDING OF GLYCEMIA. A METHOD FOR HUMAN CLINICAL STUDY OF THE HYPOGLYCEMIC ACTION OF PHARMACOLOGIC SUBSTANCES] DEBRY G, GUIARD D, MEJEAN L, DROUIN P *JOURN ANNU DIABETOL HOTEL DIEU* 13: 303-11, 1972 FRE
ADOLESCENCE; ADULT; AGED; ANTIDIABETICS (therapeutic use); BLOOD SUGAR (metabolism); DIABETES MELLITUS (diagnosis); FEMALE; HUMAN; MALE; MATHEMATICS; METHODS; MIDDLE AGE; MONITORING SYSTEMS.

DEEGAN T

CIRCADIAN VARIATIONS OF PLASMA CATECHOLAMINE, CORTISOL AND IMMUNOREACTIVE INSULIN CONCENTRATIONS IN SUPINE SUBJECTS. TURTON MB, DEEGAN T *CLIN CHIM ACTA* 55: 389-97, 30 SEP 74 ENG

DE FRUTOS ARRANZ M

[HYPOKALEMIC HYPEROSMOLAR DIABETIC COMA. INITIAL MANIFESTATION OF JUVENILE DIABETES] AGUADO MATORRAS A, DE FRUTOS ARRANZ M, CASTANEDA CASADO J, MENENDEZ BERNAL F *REV ESP*

ANESTESIOLOG REANIM 21: 429-43, JUL 74
SPA

DE GRUYL J

TWENTY-FOUR-HOUR HYPOTHERMIC
PRESERVATION PERFUSION AND
STORAGE OF THE DUCT-LIGATED CANINE
PANCREAS WITH TRANSPLANTATION.
WESTBROEK DL, DE GRUYL J, DIJKHUIS
CM, MCDICKEN I, DROP A, SCHOLTE A,
HULSMANS HA TRANSPLANT PROC 6: 319-
22, SEP 74 ENG

DE LAEY JJ

ARGON LASER SLITLAMP PHOTOCOAGULA-
TION. INDICATIONS AND RESULTS. FRAN-
COIS J, CAMBIE E, DE LAEY JJ OPHTHAL-
MOLOGICA 169: 362-70, 1974 ENG

DELITALA G

EFFECT OF L-DOPA ON PLASMA HIGH, LH,
FSH AND 11-OH-CS IN NORMAL ADULT
SUBJECTS. DELITALA G, MASALA A, RO-
LANDI E FOLIA ENDOCRINOL (ROMA) 27:
279-89, JUN 74 ENG

ADOLESCENCE; ADULT; AGE FACTORS;
DOPA (pharmacodynamics); FEMALE; FSH
(blood); HUMAN; 11-HYDROXYCORTICOS-
TEROIDS (blood); LH (blood); MALE; MIDDLE
AGE; PITUITARY HORMONES, ANTERIOR
(blood); SOMATOTROPIN (blood).

DENBOROUGH MA

INSULIN SECRETION IN MALIGNANT HYPER-
PYREXIA. DENBOROUGH MA, WARNE GL,
MOULDS RF, MARTIN FI BR MED J 3: 493-5,
24 AUG 74 ENG

ADULT; BLOOD SUGAR; CALCIUM
(metabolism); CELL MEMBRANE; GLUCOSE
TOLERANCE TEST; HUMAN; INSULIN RE-
SISTANCE; INSULIN (secretion, blood);
MALIGNANT HYPERTHERMIA
(physiopathology); MUSCLES (metabolism);
PANCREAS (metabolism, cytology).

DEODHAR KP, DESAI PS, HAJI KK,
PIMPARKAR BD, MEHTA JM

HYPOGLYCEMIA IN ALCOHOLICS A
PRELIMINARY REPORT. DEODHAR KP,
DESAI PS, HAJI KK, PIMPARKAR BD,
MEHTA JM J ASSOC PHYSICIANS INDIA 22:
341-5, APR 74 ENG

ADULT; ALCOHOLIC INTOXICATION
(complications); ALCOHOLISM (complications);
AUTOPSY; FEMALE; HUMAN;
HYPOGLYCEMIA (etiology); MALE; PROSPEC-
TIVE STUDIES; RETROSPECTIVE STUDIES.

DEROT M

[INSULIN, GLUCAGON, SOMATOTROPIC
HORMONE] DEROT M, PIGNARD P JOURN
ANNU DIABETOL HOTEL DIEU 13: 7-11,
1972 FRE

AMINO ACID SEQUENCE; GLUCAGON
(chemical synthesis); INSULIN (chemical synthe-
sis); PROTEIN CONFORMATION; SO-
MATOTROPIN (chemical synthesis); SPECIES
SPECIFICITY.

DESAULLES PA

BIOLOGICAL ACTIVITY OF SYNTHETIC
HUMAN CORTICOTROPIN WITH REVISED
AMINO ACID SEQUENCE. SCHENKEL-HUL-
LIGER L, MAIER R, BARTHE PL,
DESAULLES PA, JARRET A, RINKER B,
RITTEL W, SIEBER P ACTA ENDOCRINOL
(KBH) 75: 24-32, JAN 74 ENG

DEUTSCH CJ

CHEMICAL MODIFICATION OF MITOCHON-
DRIA. II. EFFECT OF LABELING ON OXIDA-
TIVE PHOSPHORYLATION. COPELAND L,
DEUTSCH CJ, TU SI, WANG JH ARCH
BIOCHEM BIOPHYS 160: 451-7, FEB 74 ENG

DHINGRA RC

HIS-BUNDLE ELECTROGRAPHY. CLINICAL
APPLICATIONS. SECOND OF TWO PARTS.
DHINGRA RC, ROSEN KM POSTGRAD MED
56: 87-91, OCT 74 ENG

ATRIOVENTRICULAR NODE
(physiopathology); BUNDLE OF HIS
(physiology); DIGITALIS (therapeutic use);
ELECTROCARDIOGRAPHY (methods); GLU-
CAGON (therapeutic use, pharmacodynamics);
HEART CONDUCTION SYSTEM (drug effects,
physiology); HUMAN; ISOPROTERENOL
(pharmacodynamics, therapeutic use);
LIDOCAINE (therapeutic use); PROCAINE
AMIDE (pharmacodynamics, therapeutic use);
PROPRANOLOL (therapeutic use);
TACHYCARDIA, PAROXYSMAL (diagnosis,
physiopathology, drug therapy); WOLFF-PAR-
KINSON-WHITE SYNDROME (diagnosis,
physiopathology, drug therapy).

DIEM S

ACTIVATION OF GLYCOGENOLYSIS IN PER-
FUSED RAT LIVERS BY GLUCAGON AND
METABOLIC INHIBITORS. JAKOB A, DIEM
S BIOCHIM BIOPHYS ACTA 362: 469-79, 8
OCT 74 ENG

DIETERLEN-LIEVRE F

[AN IMMUNOCYTOLOGICAL STUDY OF DIF-
FERENTIATION OF THE ENDOCRINE PAN-
CREAS OF THE CHICK EMBRYO. II. GLU-
CAGON] BEAUPAIN D, DIETERLEN-LIEVRE
F GEN COMP ENDOCRINOL 23: 421-31, AUG
74 FRE

DIETZLER DN

SIMULTANEOUS INCREASES OF THE ADENY-
LATE ENERGY CHARGE AND THE RATE OF
GLYCOGEN SYNTHESIS IN NITROGEN-
STARVED ESCHERICHIA COLI W4597(K).
DIETZLER DN, LAIS CJ, LECKIE MP ARCH
BIOCHEM BIOPHYS 160: 14-25, JAN 74 ENG

ADENINE NUCLEOTIDES (metabolism);
ADENOSINE DIPHOSPHATE (metabolism);
ADENOSINE MONOPHOSPHATE (metabolism);
ADENOSINE TRIPHOSPHATE (metabolism);
CELL DIVISION; COMPARATIVE STUDY;
ENERGY TRANSFER; ESCHERICHIA COLI
(metabolism); FRUCTOSEPHOSPHATES
(metabolism); GLYCOGEN (biosynthesis); HEX-
OSEDIPHOSPHATES (metabolism);
HYDROGEN-ION CONCENTRATION;
KINETICS; MATHEMATICS; NAD
(metabolism); NADP (metabolism); NITROGEN
(metabolism); OXIDATION-REDUCTION;
PYRIDOXAL PHOSPHATE (metabolism); SPEC-
TROPHOTOMETRY; THERMODYNAMICS;
TIME FACTORS.

DIEULANGARD P

[CORTISOLEMIA AND PREGNANCY]
TESCHER M, MORIN P, ASTIER A,
TECHENET J, ENGELMANN P, DIEULAN-
GARD P SEM HOP PARIS 50: 1341-7, 26 APR
74 FRE

[INSULINEMIA AND PREGNANCY] TESCHER
M, GUERIS J, TECHENET J, MORIN P,
STRICH-MOUGENOT C, DIEULANGARD P
SEM HOP PARIS 50: 1333-9, 26 APR 74 FRE

DIGOUT G

STREPTOCOCCUS BOVIS ENDOCARDITIS.
HALDANE EV, HALDANE JH, DIGOUT G,
WEST A, ROOYEN CE VAN CAN MED
ASSOC J 111: 678-9, 82, 5 OCT 74 ENG

DIJKHUIS CM

TWENTY-FOUR-HOUR HYPOTHERMIC
PRESERVATION PERFUSION AND
STORAGE OF THE DUCT-LIGATED CANINE
PANCREAS WITH TRANSPLANTATION.
WESTBROEK DL, DE GRUYL J, DIJKHUIS
CM, MCDICKEN I, DROP A, SCHOLTE A,
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FALOONA GR

CANDIDATE HORMONES OF THE GUT. XIV. ENTEROGLUCAGON. SASAKI H, FALOONA GR, UNGER RH *GASTROENTEROLOGY* 67: 746-8, OCT 74 ENG [25]

CARBOHYDRATE METABOLISM IN PREGNANCY. XI. RESPONSE OF PLASMA GLUCAGON TO OVERNIGHT FAST AND ORAL GLUCOSE DURING NORMAL PREGNANCY AND IN GESTATIONAL DIABETES. DANIEL RR, METZGER BE, FREINKEL N, FALOONA GR, UNGER RH, NITZAN M *DIABETES* 23: 771-6, SEP 74 ENG

PLASMA GLUCAGON IN NONKETOTIC HYPEROSMOLAR COMA. LINDSEY CA, FALOONA GR, UNGER RH *JAMA* 229: 1771-3, 23 SEP 74 ENG

FANKHAUSER S

[PROCEEDINGS: 2 YEARS OF EXPERIENCES WITH MONOCOMPONENT INSULIN IN

DIABETIC PATIENTS] FANKHAUSER S, MICHL J, MORELL B *HELV MED ACTA* 37: 365-6, MAY 1974 GER

ANTIBODIES (analysis); ANTIBODY FORMATION; CLINICAL RESEARCH; DIABETES MELLITUS (drug therapy, immunology); DRUG EVALUATION; HUMAN; IMMUNOELECTROPHORESIS; INSULIN, LENTE (therapeutic use, immunology).

FARKAS J

REGULATION OF CHOLESTEROL STORAGE IN ADIPOSE TISSUE. ANGEL A, FARKAS J *J LIPID RES* 15: 491-9, SEP 74 ENG

FAUST RG

ACTIVE AMINO ACID AND SUGAR TRANSPORT BY A UNICELLULAR BLUE-GREEN ALGA. FAUST RG, ORCUTT AR, PRAZMA TU *COMP BIOCHEM PHYSIOL [A]* 48: 403-6, 1 JUN 74 ENG

ALGAE, BLUE-GREEN (metabolism); AMINOISOBUTYRIC ACID (metabolism); ARABINOSE (metabolism); BIOLOGICAL TRANSPORT, ACTIVE; CARBOHYDRATES (metabolism); CARBON RADIOISOTOPES; FRUCTOSE (metabolism); GLUCOSE (metabolism); METHYLGLYCOSIDES (metabolism); RIBOSE (metabolism).

FEHRMANN P

ULTRAHISTOCHEMICAL DETECTION OF BIOGENIC AMINES IN A-CELLS OF LANGERHANS ISLETS OF SANDRATS (PSAMMOMYS OBUSUS) BY MEANS OF REINECKE-SALT. DORSCH HH VON, KRAUSE R, FEHRMANN P, SULZMANN R Z *MIKROSK ANAT FORSCH* 88: 413-6, 1974 ENG

FELBER JP

SENSITIVITY TO GLUCOSE OF AN INTESTINAL FACTOR STIMULATING INSULIN RELEASE. ZERMATTEN A, FELBER JP *HORM METAB RES* 6: 272-4, JUL 74 ENG

FELDMAN JM

MECHANISMS OF CATECHOLAMINE INACTIVATION BY THE ENDOCRINE PANCREAS. FELDMAN JM, CHAPMAN B *DIABETES* 23: 754-62, SEP 74 ENG

ANIMAL EXPERIMENTS; CATECHOL METHYLTRANSFERASE (antagonists & inhibitors); CATECHOLAMINES (antagonists & inhibitors, metabolism); CELLS, CULTURED; COCAINE (metabolism); CULTURE MEDIA; DOPAMINE (metabolism, administration & dosage); DRUG SYNERGISM; HAMSTERS; IMIPRAMINE (metabolism); INSULIN (secretion); ISLANDS OF LANGERHANS (metabolism, enzymology); LEVODOPA (administration & dosage); MONOAMINE OXIDASE INHIBITORS (administration & dosage); MONOAMINE OXIDASE (metabolism); NORTRIPTYLINE (metabolism); PARGYLINE (administration & dosage); RABBITS; RATS; SPECIES SPECIFICITY; STIMULATION, CHEMICAL; TRANYLCYPROMINE (administration & dosage).

METABOLIC AND ENDOCRINE STUDIES IN IDENTICAL DIABETIC TWINS. BIVENS CH, FELDMAN JM *ARCH INTERN MED* 134: 639-46, OCT 74 ENG

FELIG P

EDITORIAL: INSULIN: RATES AND ROUTES OF DELIVERY. FELIG P *N ENGL J MED* 291: 1031-2, 7 NOV 74 ENG

ACIDOSIS, DIABETIC (drug therapy); ANIMAL EXPERIMENTS; DIABETES MELLITUS (drug therapy, metabolism); GLUCOSE (metabolism); HUMAN; INJECTIONS, INTRAVENOUS; INSULIN (administration & dosage, therapeutic use, blood); ISLANDS OF LANGERHANS (transplantation); LIVER (metabolism); METHODS; PORTAL VEIN; RATS.

ENDOCRINE EVALUATION IN THALASSEMIA MAJOR. LASSMAN MN, OBRIEN RT, PEARSON HA, WISE JK, DONABEDIAN RK, FELIG P, GENEL M *ANN NY ACAD SCI* 232: 226-37, 1974 ENG

FELSKI C

CHARACTERIZATION OF THE PLASMA LIPOPROTEINS OF THE GENETICALLY OBESE HYPERLIPOPROTEINEMIC ZUCKER FATTY RAT. SCHONFELD G, FELSKI C, HOWALD MA *J LIPID RES* 15: 457-64, SEP 74 ENG

FEMAN SS

RETINAL VASCULAR DISEASE. FEMAN SS *AM FAM PHYSICIAN* 10: 141-52, OCT 74 ENG
ANEMIA, SICKLE CELL (complications); ARTERIAL OCCLUSIVE DISEASES; CHORIORETINITIS (pathology); CONSTRICTION; DIABETIC RETINOPATHY (pathology, etiology, therapy); FLUORESCENCE ANGIOGRAPHY; HUMAN; HYPERTENSION (complications); LIGHT COAGULATION; MACULA LUTEA; PITUITARY GLAND IRRADIATION; RETINAL ARTERY; RETINAL DEGENERATION; RETINAL DISEASES (etiology, diagnosis); RETINAL HEMORRHAGE (pathology, etiology); RETINAL VEIN; RETINAL VESSELS (anatomy & histology, pathology); VASCULAR DISEASES (etiology, diagnosis).

FERCHO W

VITAL CAPACITY AND CONGESTIVE HEART FAILURE. THE FRAMINGHAM STUDY. KANNEL WB, SEIDMAN JM, FERCHO W, CASTELLI WP *CIRCULATION* 49: 1160-6, JUN 74 ENG

FERRENDELLI JA

ELEVATION OF CYCLIC GMP LEVELS IN CENTRAL NERVOUS SYSTEM BY EXCITATORY AND INHIBITORY AMINO ACIDS. FERRENDELLI JA, CHANG MM, KINSCHERF DA *J NEUROCHEM* 22: 535-40, APR 74 ENG

ADENOSINE CYCLIC 3,5 MONOPHOSPHATE (biosynthesis); AMINOISOBUTYRIC ACID (pharmacodynamics); ANIMAL EXPERIMENTS; CALCIUM (pharmacodynamics); CEREBELLUM (drug effects, metabolism); DEPRESSION, CHEMICAL; GLUTAMATES (pharmacodynamics); GLYCINE (pharmacodynamics); GUANOSINE CYCLIC 3,5 MONOPHOSPHATE (biosynthesis); IN VITRO; MICE; POTASSIUM (pharmacodynamics); RADIOIMMUNOASSAY; SODIUM CHLORIDE (pharmacodynamics); STIMULATION, CHEMICAL; THEOPHYLLINE (pharmacodynamics).

FJALKOWSKA A

[OWN OBSERVATIONS ON THE ACTION OF GLIBENCLAMIDE (DAONIL) IN DIABETES] LOPATYNSKI J, HANZLIK J, FJALKOWSKA A *WIAD LEK* 27: 1465-70, 15 SEP 74 POL

FINK J

EFFECT OF CYTOCHALASIN B ON HEXOSE TRANSPORT AND GLUCOSE METABOLISM IN PANCREATIC ISLETS. MCDANIEL ML, KING S, ANDERSON S, FINK J, LACY PE *DIABETOLOGIA* 10: 303-8, AUG 74 ENG

FINKEL MJ

ANTI-LIPEMIC DRUGS AND THE POSITION OF THE FDA. FINKEL MJ *ADV EXP MED BIOL* 26: 263-5, 1972 ENG

ADULT; ANTI-LIPEMIC AGENTS (therapeutic use); ATHEROSCLEROSIS (drug therapy); CARDIOVASCULAR DISEASES (drug therapy); DIABETES MELLITUS (drug therapy, diet therapy); DRUG EVALUATION; HUMAN; INSULIN (therapeutic use); TIME FACTORS; TOLBUTAMIDE (therapeutic use); UNITED STATES FOOD AND DRUG ADMINISTRATION;

UNITED STATES NATIONAL INSTITUTES OF HEALTH; UNITED STATES; WORLD HEALTH ORGANIZATION.

FINNERTY FA JR

HYPERTENSION AS A CLINICAL PROBLEM: THE HOSPITAL BASED POPULATION. FINNERTY FA JR *PREV MED* 3: 323-7, SEP 74 ENG

ADULT; AGE FACTORS; ANTIHYPERTENSIVE AGENTS (therapeutic use); **BLOOD PRESSURE DETERMINATION**; **CAMPOR** (analogs & derivatives, therapy); **CAUCASIAN RACE**; **DIAZOXIDE** (therapeutic use, administration & dosage, adverse effects); **DIURETICS**, **THIAZIDE** (therapeutic use); **FERRICYANIDES** (therapeutic use); **FUROSEMIDE** (administration & dosage); **HOSPITALIZATION**; **HUMAN**; **HYDRALAZINE** (therapeutic use); **HYPERGLYCEMIA** (chemically induced); **HYPERTENSION** (prevention & control, diagnosis, occurrence, etiology, drug therapy); **NEGROID RACE**; **SULFONIC ACIDS** (therapeutic use).

FIRSOV LM

SECONDARY ISOTOPE EFFECT IN THE PHOSPHORYLASE REACTION. FIRSOV LM, BOGACHEVA TI, BRESLER SE *EUR J BIOCHEM* 42: 605-9, 1 MAR 74 ENG

ANIMAL EXPERIMENTS; **BINDING SITES**; **CARBON RADIOISOTOPES**; **CHROMATOGRAPHY**, **PAPER**; **DEUTERIUM**; **GLUCOSEPHOSPHATES**; **GLYCOGEN PHOSPHORYLASE** (metabolism); **GLYCOGEN SYNTHETASE** (metabolism); **ISOMERISM**; **ISOTOPE LABELING**; **KINETICS**; **MATHEMATICS**; **MUSCLES** (enzymology); **OPTICAL ROTATION**; **PROTEIN BINDING**; **RABBITS**; **TRITIUM**.

FISCHER EH

INTERACTION OF MUSCLE GLYCOGEN PHOSPHORYLASE WITH PYRIDOXAL 5-METHYLENEPHOSPHONATE. VIDGOFF JM, POCKER A, HULLAR TL, FISCHER EH *BIOCHEM BIOPHYS RES COMMUN* 57: 1166-74, 23 APR 74 ENG

FISCHER U

[EFFECT OF HEPARIN ON THE PANCREATIC FUNCTION OF THE DOG] NOWAK W, SILL U, LIPPERT H, HOMMEL H, FISCHER U Z *GESAMTE INN MED* 29: 250-2, 15 MAR 74 GER

FISCHKOFF S

FLUORESCENT PROBE ANALYSIS OF THE LIPID ARCHITECTURE OF NATURAL AND EXPERIMENTAL CHOLESTEROL-RICH MEMBRANES. VANDERKOOIJ J, FISCHKOFF S, CHANCE B, COOPER RA *BIOCHEMISTRY* 13: 1589-95, 9 APR 74 ENG

FISSAN H

[BEHAVIOR OF PLASMA FREE FATTY ACIDS UNDER LYSINVASOPRESSIN, PROPANOLOL AND PHENTOLAMINE] MORGNER KD, FISSAN H *VERH DTSCH GES INN MED* 79: 1296-8, 1973 GER

FITZGERALD JJ

ELECTRON PARAMAGNETIC RESONANCE STUDIES OF THE STRUCTURE AND METAL ION EXCHANGE KINETICS OF VANADYL(IV) BOVINE CARBONIC ANHYDRASE. FITZGERALD JJ, CHASTEEN ND *BIOCHEMISTRY* 13: 4338-47, 8 OCT 74 ENG

APPOENZYMES; **BINDING SITES**; **CARBONIC ANHYDRASE INHIBITORS**; **CARBONIC ANHYDRASE** (metabolism); **CATTLE**; **CHEMISTRY**; **CRYSTALLIZATION**; **ELECTRON SPIN RESONANCE**; **FREEZING**; **HYDROGEN-ION CONCENTRATION**; **IMIDAZOLES** (metabolism); **INSULIN** (metabolism); **KINETICS**; **MATHEMATICS**; **METALS**

(metabolism); **PROTEIN BINDING**; **PROTEIN CONFORMATION**; **VANADIUM** (metabolism); **ZINC** (metabolism).

FLOHIC C

[BIOCHEMICAL MODIFICATIONS NOTED IN CHILDREN WITH KWASHIORKOR] THOMAS J, JOSSEPHAND C, FLOHIC C, LEFEVRE M, SAGNET H *BULL SOC PATHOL EXOT* 66: 434-45, MAY-JUN 73 FRE

FLOWER RJ

DRUGS WHICH INHIBIT PROSTAGLANDIN BIOSYNTHESIS. FLOWER RJ *PHARMACOL REV* 26: 33-67, MAR 74 ENG

ACETAMINOPHEN (pharmacodynamics); **ANTIOXIDANTS** (pharmacodynamics); **ARACHIDONIC ACID** (pharmacodynamics); **ASPIRIN** (pharmacodynamics); **BLOOD PLATELETS** (metabolism); **FATTY ACIDS** (pharmacodynamics); **HYDROXYLASES** (metabolism); **HYPERTENSION** (metabolism); **INDOMETHACIN** (pharmacodynamics); **KINETICS**; **METALS** (pharmacodynamics); **MICROSOMES** (metabolism); **NOMENCLATURE**; **OXIDOREDUCTASES** (antagonists & inhibitors); **PROSTAGLANDINS** (antagonists & inhibitors, biosynthesis); **SALICYLATES** (pharmacodynamics); **SPECIES SPECIFICITY**; **STRUCTURE-ACTIVITY RELATIONSHIP**; **SUBCELLULAR FRACTIONS** (metabolism); **TETRAHYDROCANNABINOL** (pharmacodynamics); **TIME FACTORS**.

FLYNN FV

THE FREQUENCY DISTRIBUTIONS OF COMMONLY DETERMINED BLOOD CONSTITUENTS IN HEALTHY BLOOD DONORS. FLYNN FV, PIPER KA, GARCIA-WEBB P, MCPHERSON K, HEALY MJ *CLIN CHIM ACTA* 52: 163-71, APR 74 ENG

AGE FACTORS; **ALKALINE PHOSPHATASE** (blood); **ASPARTATE AMINOTRANSFERASE** (blood); **BLOOD CHEMICAL ANALYSIS**; **BLOOD DONORS**; **BLOOD PROTEINS** (analysis); **BLOOD SUGAR** (analysis); **CALCIUM** (blood); **CARBON DIOXIDE** (pharmacodynamics); **CHLORIDES** (blood); **CHOLESTEROL** (blood); **CREATININE** (blood); **FEMALE**; **HUMAN**; **IRON** (blood); **MALE**; **PHOSPHATES** (blood); **POTASSIUM** (blood); **PROTEIN-BOUND IODINE TEST**; **SERUM ALBUMIN**; **SERUM GLOBULINS**; **SEX FACTORS**; **SODIUM** (blood); **UREA** (blood); **URIC ACID** (blood).

FOA PP

THE AUTOREGULATION OF INSULIN SECRETION IN THE ISOLATED PANCREATIC ISLETS OF LEAN (OBOB) AND OBESE-HYPERGLYCEMIC (OBOB) MICE. LORETI L, DUNBAR JC, CHEN S, FOA PP *DIABETOLOGIA* 10: 309-15, AUG 74 ENG

FOLGAR H

INSULIN RESISTANCE, SKIN CHANGES, AND VIRILIZATION: A RECESSIVELY INHERITED SYNDROME POSSIBLY DUE TO PINEAL GLAND DYSFUNCTION. BARNES ND, PALUMBO PJ, HAYLES AB, FOLGAR H *DIABETOLOGIA* 10: 285-9, AUG 74 ENG

FOMINA MP

[ACTIVITY OF HEXOKINASE, GLUCOSE-6-PHOSPHATE DEHYDROGENASE AND 6-PHOSPHOGLUCONATE DEHYDROGENASE IN INTACT AND SYMPATHECTOMIZED RAT TESTES EXPOSED TO HORMONES] FOMINA MP *VOPR MED KHIM* 19: 582-6, 1973 RUS

ANIMAL EXPERIMENTS; **ENGLISH ABSTRACT**; **EPINEPHRINE** (pharmacodynamics); **GLUCOSEPHOSPHATE DEHYDROGENASE** (metabolism); **GONADOTROPINS**, **CHORIONIC** (pharmacodynamics); **HEXOKINASE**

(metabolism); **INSULIN** (pharmacodynamics); **MALE**; **NOREPINEPHRINE** (pharmacodynamics); **PHOSPHOGLUCONATE DEHYDROGENASE** (metabolism); **RATS**; **SYMPATHECTOMY**; **SYMPATHETIC NERVOUS SYSTEM** (physiology); **TESTIS** (innervation, enzymology, drug effects); **TESTOSTERONE** (pharmacodynamics).

FONTARES P

EPIDEMIOLOGIC RECONNAISSANCE OF HYPERTENSION IN THE BAHAMAS: WITH SPECIAL REFERENCE TO DEPOT FAT COMPOSITION AND ITS IMPLICATIONS IN RELATION TO CARDIOVASCULAR DISEASE PREVALENCE. LUNN JA, MIRIDIANI AN A, FONTARES P, JACOBS E, ROSEN S, CHRISTAKIS G *MT SINAI J MED NY* 41: 444-52, MAY-JUN 74 ENG

FOOTE W

CORONARY ARTERY DISEASE IN YOUNG PATIENTS: ARTERIOGRAPHIC AND CLINICAL REVIEW OF 40 CASES AGED 35 AND UNDER. DAVIA JE, HALLAL FJ, CHETLIN MD, GREGORATOS G, MCCARTY R, FOOTE W *AM HEART J* 87: 689-96, JUN 74 ENG

FOPPIANI E

[BEHAVIOR OF SOMATOMEDIN IN OBESE SUBJECTS] GIORDANO G, FOPPIANI E, MINUTO F, COMASCHI M, MARUGO M *BOLL SOC ITAL BIOL SPER* 49: 1236-41, 15 NOV 73 ITA

FORSHAM PH

STAIRCASE GLUCOSE STIMULATION OF INSULIN SECRETION IN OBESITY. MEASURE OF BETA-CELL SENSITIVITY AND CAPACITY. KARAM JH, GRODSKY GM, CHING KN, SCHMID F, BURRILL K, FORSHAM PH *DIABETES* 23: 763-70, SEP 74 ENG

FOSSATI C

[USE OF ANABOLIC STEROIDS IN THERAPY] FOSSATI C *CLIN TER* 70: 169-202, 31 JUL 74 ITA [274]

ANABOLIC STEROIDS (therapeutic use, pharmacodynamics, adverse effects); **ANIMAL EXPERIMENTS**; **BODY WEIGHT** (drug effects); **CACHEXIA** (drug therapy); **DIABETIC RETINOPATHY** (drug therapy); **ENDOCRINE GLANDS** (drug effects); **GENITALIA**, **MALE** (drug effects); **HUMAN**; **INFANT NUTRITION DISORDERS** (drug therapy); **INFECTION** (prevention & control); **KIDNEY** (drug effects); **LEUKEMIA** (drug therapy); **MUSCULAR DYSTROPHY** (drug therapy); **NEOPLASMS** (drug therapy); **NITROGEN** (metabolism); **ORGAN WEIGHT** (drug effects); **OSTEOPOROSIS** (drug therapy); **PROTEINS** (metabolism); **REVIEW**; **SKIN ULCER** (drug therapy); **SPLEEN** (drug effects); **THYMUS GLAND** (drug effects).

FOX IH

STUDIES ON THE MECHANISM OF FRUCTOSE-INDUCED HYPERURICEMIA IN MAN. FOX IH, KELLEY WN *ADV EXP MED BIOL* 41: 463-70, 1974 ENG

ADENOSINE TRIPHOSPHATE (blood); **ALLOPURINOL** (pharmacodynamics); **BLOOD SUGAR** (metabolism); **CARBOHYDRATES** (blood); **COMPARATIVE STUDY**; **ERYTHROCYTES** (metabolism); **FRUCTOSE** (pharmacodynamics); **LACTATES** (blood); **MALE**; **PENTOSEPHOSPHATES** (blood); **PHOSPHATES** (blood); **PURINES** (urine); **PYROPHOSPHORIC ACIDS** (blood); **TIME FACTORS**; **URIC ACID** (urine, blood).

FRAENKEL DG

SUGAR METABOLISM IN TRANSKETOLASE MUTANTS OF ESCHERICHIA COLI. JOSEPHSON BL, FRAENKEL DG *J BACTERIOL* 118: 1082-9, JUN 74 ENG

FRANCOIS J

PHENOTYPIC SUPPRESSION OF PHOSPHOFRUCTOKINASE MUTATIONS IN *ESCHERICHIA COLI* BY CONSTITUTIVE EXPRESSION OF THE GLYOXYLATE SHUNT. VINOPAL RT, FRAENKEL DG J BACTERIOL 118: 1090-100, JUN 74 ENG

FRANCOIS J

ARGON LASER SLITLAMP PHOTOCOAGULATION, INDICATIONS AND RESULTS. FRANCOIS J, CAMBIE E, DE LAEY JJ OPTHALMOLOGICA 169: 362-70, 1974 ENG
ANGIOID STREAKS (surgery); ARGON; CYSTS (surgery); DIABETIC RETINOPATHY (surgery); FLUORESCENCE ANGIOGRAPHY; FOLLOW-UP STUDIES; FUNDUS OCULI; HUMAN; LASER COAGULATION; MACULA LUTEA; MYOPIA (surgery); PROGNOSIS; RECURRENCE; RETINAL DEGENERATION (surgery); RETINAL DETACHMENT (surgery); RETINAL DISEASES (surgery, diagnosis); RETINAL HEMORRHAGE (surgery); RETINITIS (surgery); SYNDROME; TELANGIECTASIS (surgery); VISUAL ACUITY.

FRANK O

[THE PREVALENCE OF LIPID METABOLISM DISORDERS IN RHEUMATOLOGICAL DISEASES] FRANK O, TIDL G WIEN MED WOCHENSCHR 124: 527-30, 14 SEP 74 GER
ADULT; AGE FACTORS; AGED; ARTHRITIS, RHEUMATOID (complications); BLOOD SUGAR (analysis); BODY WEIGHT; CHOLESTEROL (blood); DIABETES MELLITUS (diagnosis); FEMALE; GLUCOSE OXIDASE (diagnostic use); GLUCOSE TOLERANCE TEST; GOUT (complications); HUMAN; HYPERLIPIDEMIA, ESSENTIAL FAMILIAL (complications); LIPOPROTEINS (blood); MALE; MIDDLE AGE; RHEUMATISM (complications); SPONDYLITIS, ANKYLOSING (complications); TOLBUTAMIDE (diagnostic use); TRIGLYCERIDES (blood); URIC ACID (blood).

FRASER TR

THE ROLE OF CALCIUM IN INSULIN ACTION. I. PURIFICATION AND PROPERTIES OF ENZYMES REGULATING LIPOLYSIS IN HUMAN ADIPOSE TISSUE: EFFECTS OF CYCLIC-AMP AND CALCIUM IONS. KISEBAH AH, VYDELINGUM N, TULLOCH BR, HOPE-GILL H, FRASER TR HORM METAB RES 6: 247-55, JUL 74 ENG

FRAZIER WA

PROPERTIES AND SPECIFICITY OF BINDING SITES FOR 125I-NERVE GROWTH FACTOR IN EMBRYONIC HEART AND BRAIN. FRAZIER WA, BOYD LF, PULLIAM MW, SZUTOWICZ A, BRADSHAW RA J BIOL CHEM 249: 5918-23, 25 SEP 74 ENG

ANIMAL EXPERIMENTS; BINDING SITES; BRAIN STEM (metabolism); BRAIN (metabolism, embryology); CATTLE; CEREBELLUM (metabolism); CHICK EMBRYO; COMPARATIVE STUDY; CORONARY VESSELS (metabolism); CORPORA QUADRIGEMINA (metabolism); FEMALE; GANGLIA (metabolism); GLUCAGON (pharmacodynamics); HEART ATRIUM; HEART VENTRICLE; HEART (embryology); HUMAN; IODINE RADIOISOTOPES; KINETICS; MYOCARDIUM (metabolism); NERVE GROWTH FACTOR (metabolism); ORGAN SPECIFICITY; PLACENTAL LACTOGEN (pharmacodynamics); PREGNANCY; SOMATOTROPIN (pharmacodynamics); STRUCTURE-ACTIVITY RELATIONSHIP; TELENCYPHALON (metabolism); TIME FACTORS.

PROPERTIES OF THE SPECIFIC BINDING OF 125I-NERVE GROWTH FACTOR TO RESPONSIVE PERIPHERAL NEURONS. FRAZIER WA, BOYD LF, BRADSHAW RA ARCH GEN PSYCHIATRY 31: 5513-9, SEP 74 ENG

ANIMAL EXPERIMENTS; BINDING SITES; BUNGAROTOXINS (pharmacodynamics); CELL MEMBRANE (metabolism); CHICK EMBRYO; COMPARATIVE STUDY; GANGLIA, AUTONOMIC (cytology, metabolism, drug effects); GANGLIA, BASAL (drug effects, metabolism, cytology); GEL FILTRATION; INSULIN (pharmacodynamics); IODINE RADIOISOTOPES; KINETICS; MALE; MICE; NERVE GROWTH FACTOR (metabolism); NEURONS (metabolism, cytology, drug effects); PERIPHERAL NERVES (metabolism); PROTEIN BINDING; RECEPTORS, HORMONE (drug effects); RECEPTORS, NEURAL (metabolism, cytology, drug effects); TIME FACTORS.

FREESE E

CELL LYSIS OF *BACILLUS SUBTILIS* CAUSED BY INTRACELLULAR ACCUMULATION OF GLUCOSE-1-PHOSPHATE. PRASAD C, FREESE E J BACTERIOL 118: 1111-22, JUN 74 ENG

FREINKEL N

CARBOHYDRATE METABOLISM IN PREGNANCY. XI. RESPONSE OF PLASMA GLUCAGON TO OVERNIGHT FAST AND ORAL GLUCOSE DURING NORMAL PREGNANCY AND IN GESTATIONAL DIABETES. DANIEL RR, METZGER BE, FREINKEL N, FALOOKA GR, UNGER RH, NITZAN M DIABETES 23: 771-6, SEP 74 ENG

FREY WA

THE ROLE OF TRYPTOPHAN IN NEUTRAL FRUCTOSE DIPHOSPHATASE. BENKOVIC SJ, FREY WA, LIBBY CB, VILLAFRANCA JJ BIOCHEM BIOPHYS RES COMMUN 57: 196-203, 15 MAR 74 ENG

FREYSCHUSS U

COMPARISON BETWEEN FRACTIONAL TURNOVER RATE OF ENDOGENOUS PLASMA TRIGLYCERIDES AND OF INTRALIPID (INTRAVENOUS FAT TOLERANCE TEST) IN MAN. ROSSNER S, BOBERG J, CARLSON LA, FREYSCHUSS U, LASSERS BW EUR J CLIN INVEST 4: 109-14, APR 74 ENG

FRIESEN HG

SURVIVAL AND GROWTH IN A WOMAN WITH UNTREATED HYPOTHALAMIC PANHYPOPITUITARISM OF 21 YEARS DURATION. TOLIS G, CRUESS S, GOLDSTEIN M, FRIESEN HG, ROCHFORD JG CAN MED ASSOC J 111: 553-6, 21 SEP 74 ENG

FRIKKE MJ

DISTRIBUTION OF INJECTED INSULIN AND INSULIN-ANTIBODY COMPLEXES IN NORMAL AND INSULIN-IMMUNIZED ANIMALS. FRIKKE MJ, GINGERICH RL, STRANAHAN PD, CARTER G, BAUMAN AK, GREIDER MH, WRIGHT PH, LACY PE DIABETOLOGIA 10: 345-51, AUG 74 ENG

ANIMAL EXPERIMENTS; AUTORADIOGRAPHY; GUINEA PIGS; IMMUNIZATION; INJECTIONS, INTRAVENOUS; INSULIN ANTIBODIES (metabolism); INSULIN (metabolism, administration & dosage, blood, immunology); IODINE RADIOISOTOPES; KIDNEY (metabolism); LIVER (metabolism); MALE; RATS; RETICULOENDOTHELIAL SYSTEM (metabolism); SPLEEN (metabolism).

FRISINA N

[GLUCAGON AND RENAL FUNCTION] SQUADRITO G, CERUSO D, FRISINA N, DANDREA-PETRELLI L, BELLINGHERI G BOLL SOC ITAL BIOL SPER 49: 1296-302, 30 NOV 73 ITA

FRITZ KE

IMMUNOLOGICAL ENHANCEMENT OF ATHEROGENESIS IN RABBITS. PER-

SISTENT SUSCEPTIBILITY TO ATHEROGENIC DIET FOLLOWING EXPERIMENTALLY INDUCED SERUM SICKNESS. LAMBERSON HV JR, FRITZ KE ARCH PATHOL 98: 9-16, JUL 74 ENG

FRUSCHELLI C

[ACTIVITY OF SOME ENZYMES OF GLYCOGEN METABOLISM IN THE WALL OF LYMPHATIC AND BLOOD VESSELS] GERLI R, POMPUCCI G, FRUSCHELLI C BOLL SOC ITAL BIOL SPER 49: 762-5, 30 JUL 73 ITA

FUCHS U

[PATHOGENETIC FACTORS IN DIABETIC ANGIOPATHY] FUCHS U Z GESAMTE INN MED 29: 353-63, 1 MAY 74 GER [108]
ANEURYSM (physiopathology); CAPILLARY PERMEABILITY; DIABETIC ANGIOPATHIES (physiopathology, etiology, complications); DIABETIC NEPHROPATHIES (physiopathology); ENGLISH ABSTRACT; EXTRACELLULAR SPACE; GLYCOPROTEINS (metabolism); HUMAN; ISCHEMIA (physiopathology); KIDNEY GLOMERULUS (physiopathology); MICROCIRCULATION; RETINAL HEMORRHAGE (etiology); REVIEW; TROPOLLAGEN; VASOMOTOR SYSTEM (physiopathology); VEINS (physiopathology).

FUJIMURA K

THE GASTRIC ANTIBODIES (INTRINSIC FACTOR ANTIBODY AND PARIETAL CELL ANTIBODY) AND THEIR CLINICAL SIGNIFICANCES. (3). THYROID DISEASE, DIABETES MELLITUS, IRON DEFICIENCY ANEMIA AND ATOMIC BOMB SURVIVORS. FUJIMURA K HIROSHIMA J MED SCI 22: 265-97, SEP 73 ENG

ADULT; AGED; ANEMIA, HYPOCHROMIC (immunology); ATOMIC WARFARE; AUTOANTIBODIES (analysis); DIABETES MELLITUS (immunology); FEMALE; HUMAN; INTRINSIC FACTOR (immunology); JAPAN; MALE; MIDDLE AGE; RADIATION INJURIES (immunology); STOMACH (immunology); THYROID DISEASES (immunology).

FUKUCHI M

ENTERAL ABSORPTION OF WATER-IN-OIL-IN-WATER INSULIN EMULSIONS IN RABBITS. SHICHIKI M, SHIMIZU Y, YOSHIDA Y, KAWAMORI R, FUKUCHI M, SHIGETA Y, ABE H DIABETOLOGIA 10: 317-21, AUG 74 ENG

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EFFECTS OF A PROLONGED 3-HOUR SLEEP-WAKE CYCLE ON SLEEP STAGES, PLASMA CORTISOL, GROWTH HORMONE AND BODY TEMPERATURE IN MAN. WEITZMAN ED, NOGIRE C, PERLOW M, FUKUSHIMA D, SASSIN J, MCGREGOR P, HELLMAN L J CLIN ENDOCRINOL METAB 38: 1018-30, JUN 74 ENG

FUSSGANGER R

ACTION OF B-HYDROXY BUTYRATE, ACETOACETATE AND PALMITATE ON THE INSULIN RELEASE IN THE PERFUSED ISOLATED RAT PANCREAS. GOBERNA R, TAMARIT J JR, OSORIO J, FUSSGANGER R, TAMARIT J, PFEIFFER EF HORM METAB RES 6: 256-60, JUL 74 ENG

GADNER H

[ACUTE DIABETIC METABOLIC DISORDERS DURING THERAPY OF LYMPHOBLASTIC LEUKEMIAS] KEGEL J, GADNER H, RIEHM H, WEBER B MONATSSCHR KINDERHEILK 122: 694-5, JUL 74 GER

GADZHIEV AS

[EVALUATION OF THE SO-CALLED INSULIN-HISTAMINE TEST] GADZHIEV AS, GARSHIN KA, SPIVAK VP, MOVCHAN TP *VRACH DELO* 0: 47-51, AUG 74 *RUS*
ADULT; ENGLISH ABSTRACT; EVALUATION STUDIES; GASTRIC JUICE (secretion, analysis); HISTAMINE (diagnostic use, pharmacodynamics); HUMAN; INSULIN (diagnostic use, pharmacodynamics); MALE; MIDDLE AGE; PEPTIC ULCER (physiopathology); STOMACH (drug effects, physiopathology).

GAJDOS A

MECHANISM OF THE EFFECT OF EXOGENOUS GLUCOSE ON THE BIOSYNTHESIS OF PORPHYRINS BY RHODOPSEUDOMONAS SPHEROIDES. GAJDOS A, GAJDOS-TOROK M *ENZYME* 16: 101-7, 1973 *ENG*

ADENOSINE TRIPHOSPHATE (pharmacodynamics); AMINOLEVULINIC ACID DEHYDRATASE; AMINOLEVULINIC ACID SYNTHETASE (metabolism); ANAEROBOSIS; COMPARATIVE STUDY; CULTURE MEDIA; DEPRESSION, CHEMICAL; GLUCOSE (pharmacodynamics); GLUCOSEPHOSPHATES (pharmacodynamics); PHOSPHOENOLPYRUVATE (pharmacodynamics); PORPHYRINS (biosynthesis); PYRUVATES (pharmacodynamics); RHODOPSEUDOMONAS SPHEROIDES (drug effects, enzymology, metabolism); SPECTROPHOTOMETRY.

GAJDOS-TOROK M

MECHANISM OF THE EFFECT OF EXOGENOUS GLUCOSE ON THE BIOSYNTHESIS OF PORPHYRINS BY RHODOPSEUDOMONAS SPHEROIDES. GAJDOS A, GAJDOS-TOROK M *ENZYME* 16: 101-7, 1973 *ENG*

GALARDY RE

PHOTOAFFINITY LABELING OF PEPTIDE HORMONE BINDING SITES. GALARDY RE, CRAIG LC, JAMIESON JD, PRINTZ MP *J BIOL CHEM* 249: 3510-8, 10 JUN 74 *ENG*
ACETOPHENONES; AMINO ACIDS; AZIDES (metabolism); BENZOATES (metabolism); BENZOPHENONES; BINDING, COMPETITIVE; BINDING SITES; CATTLE; CHEMISTRY; CYANOGEN BROMIDE; GASTRIN (pharmacodynamics); KETONES (metabolism); MODELS, CHEMICAL; NITRO COMPOUNDS (metabolism); OLEIC ACID (metabolism); OLIGOPEPTIDES (metabolism); PANCROZYMIN (pharmacodynamics); PENTAGASTRIN (metabolism); PHOTOLYSIS; PROTEIN BINDING; SERUM ALBUMIN, BOVINE (metabolism); TRITIUM.

GALE CC

ADAPTATION TO FASTING IN BABOON. 1. INFLUENCE OF FEEDING SCHEDULE. KOERKER DJ, GOODNER CJ, TOIVOLA PT, GALE CC, ENSINCK JW *AM J PHYSIOL* 227: 520-30, SEP 74 *ENG*

GALEY WR

SOLUTE FLUX COUPLING IN A HOMOPORE MEMBRANE. VAN BRUGGEN JT, BOYETT JD, BUEREN AL, VALENTIN WR *J GEN PHYSIOL* 63: 639-56, JUN 74 *ENG*

GALLETTA VP

[GOUT IN DIABETES MELLITUS] COSSER-MELLI W, CARDOSO A, NETTO MP, DEBES AC, PASQUALIN JR, GALLETTA VP, AZUL LG *REV ASSOC MED BRAS* 20: 251-4, JUL 74 *POR*

GALTON DJ

FATTY ACID SYNTHESIS DE NOVO IN HUMAN ADIPOSE TISSUE. GOLDRICK RB, GALTON DJ *CLIN SCI MOL MED* 46: 469-79, APR 74 *ENG*

GARAIEV MH

[MUTANTS OF ESCHERICHIA COLI WITH IMPAIRED GLUCOSE TRANSPORT-PRODUCERS OF L-ASPARAGINASE] GOLUB EI, GARAIEV MH, BELKIND AM, MESHKOV AN *MIKROBIOLOGIJA* 43: 301-6, MAR 74 *RUS*

GARAS Z

[51CR-EDTA AND ENDOGENOUS CREATINE CLEARANCE STUDIES] GARAS Z, KANYAR B, KOMOR K *Z GESAMTE INN MED* 29: 248-50, 15 MAR 74 *GER*
CARDIOVASCULAR DISEASES (physiopathology); CHROMIUM RADIOISOTOPES; COMPARATIVE STUDY; CREATINE (urine); DIABETES MELLITUS (physiopathology); DIAGNOSTIC ERRORS; EDTA (analysis); ENGLISH ABSTRACT; GLOMERULAR FILTRATION RATE; HEART DISEASES (physiopathology); HUMAN; HYPERTENSION (physiopathology); KIDNEY DISEASES (physiopathology); KIDNEY FUNCTION TESTS.

GARBY L

OXYGEN AFFINITY OF WHOLE BLOOD IN VIVO AND UNDER STANDARD CONDITIONS IN SUBJECTS WITH DIABETES MELLITUS. ARTURSON G, GARBY L, ROBERT M, ZAAR B *SCAND J CLIN LAB INVEST* 34: 19-22, SEP 74 *ENG*

GARCIA-WEBB P

THE FREQUENCY DISTRIBUTIONS OF COMMONLY DETERMINED BLOOD CONSTITUENTS IN HEALTHY BLOOD DONORS. FLYNN FV, PIPER KA, GARCIA-WEBB P, MCPHERSON K, HEALY MJ *CLIN CHIM ACTA* 52: 163-71, APR 74 *ENG*

GARRISON MM

DAILY CHANGES IN CONCENTRATION OF PANCREATIC AND SERUM INSULIN AND OF BLOOD GLUCOSE DURING 5 DAYS OF TREATMENT OF RATS WITH GROWTH HORMONE, ACTH, CORTISOL, DEXAMETHASONE, AND TOLBUTAMIDE ALONE AND IN COMBINATIONS. BATES RW, GARRISON MM *METABOLISM* 23: 947-65, OCT 74 *ENG*

GARSHIN KA

[EVALUATION OF THE SO-CALLED INSULIN-HISTAMINE TEST] GADZHIEV AS, GARSHIN KA, SPIVAK VP, MOVCHAN TP *VRACH DELO* 0: 47-51, AUG 74 *RUS*

GAUNT MA

THE MECHANISM OF URIDINE DIPHOSPHATE-SUGAR-4-EPIMERASE REACTIONS. ISOTOPE DISCRIMINATION WITH 4-TRITIATED SUBSTRATES. MAITRA US, GAUNT MA, ANKEL H *J CLIN INVEST* 53: 3075-8, JUN 74 *ENG*

GENEL M

ENDOCRINE EVALUATION IN THALASSEMIA MAJOR. LASSMAN MN, O'BRIEN RT, PEARSON HA, WISE JK, DONABEDIAN RK, FELIG P, GENEL M *ANN NY ACAD SCI* 232: 226-37, 1974 *ENG*

GEORGE BC

CHRONIC TISSUE INSULIN RESISTANCE FOLLOWING HEMORRHAGIC SHOCK. RYAN NT, GEORGE BC, EGDahl DH, EGDahl RH *ANN SURG* 180: 402-7, OCT 74 *ENG*

GEORGE DT

L-DOPA INDUCED PLASMA GLUCAGON RELEASE. GEORGE DT, RAYFIELD EJ *J CLIN ENDOCRINOL METAB* 39: 618-21, SEP 74 *ENG*

ANIMAL EXPERIMENTS; BLOOD SUGAR (analysis); DOSE-RESPONSE RELATIONSHIP,

DRUG; GLUCAGON (blood); INJECTIONS, INTRAVENOUS; INSULIN (blood); LEVODOPA (pharmacodynamics, administration & dosage); MALE; PHENTOLAMINE (pharmacodynamics); PROPRANOLOL (pharmacodynamics); RADIOIMMUNOASSAY; RHESUS MONKEYS; SOMATOTROPIN (blood).

GEPTS W

[QUANTITATIVE HISTOCHEMISTRY OF THE HUMAN ENDOCRINE PANCREAS] GEPTS W, VERH K *VLAAM ACAD GENEESKD BELG* 34: 89-124, 1972 *DUT* [102]

ACID PHOSPHATASE (metabolism); AMINOTRANSFERASES (metabolism); ANIMAL EXPERIMENTS; DIABETES MELLITUS (enzymology); GLUCOSEPHOSPHATE DEHYDROGENASE (metabolism); HEXOKINASE (metabolism); HISTOCYTOCHEMISTRY; HUMAN; INSULIN (analysis); ISLANDS OF LANGERHANS (enzymology); KREBS CYCLE; MALATE DEHYDROGENASE (metabolism); MICE; PANCREAS (enzymology); PHOSPHOGLUCOMUTASE (metabolism); PHOSPHOGLUCONATE DEHYDROGENASE (metabolism); PYRUVATE KINASE (metabolism); RABBITS; RATS; REVIEW.

ARE GASTRIN-CELLS PRESENT IN MAMMALIAN PANCREATIC ISLETS LOTSTRA F, LOO W, VAN DER, GEPTS W *DIABETOLOGIA* 10: 291-302, AUG 74 *ENG*

GERICH J

SYNTHESIS AND SECRETION OF INSULIN IN DYNAMIC PERFUSION SYSTEMS. GRODSKY GM, SANDO H, LEVIN S, GERICH J, KARAM J *ADV METAB DISORD* 7: 155-70, 1974 *ENG* [28]

GERKINS V

AN EPIDEMIOLOGIC STUDY OF BREAST CANCER. HENDERSON BE, POWELL D, ROSARIO I, KEYS C, HANISCH R, YOUNG M, CASAGRANDE J, GERKINS V, PIKE MC *J NATL CANCER INST* 53: 609-14, SEP 74 *ENG*

GERLI R

[ACTIVITY OF SOME ENZYMES OF GLYCOGEN METABOLISM IN THE WALL OF LYMPHATIC AND BLOOD VESSELS] GERLI R, POMPUCCI G, FRUSCHELLI C *BOLL SOC ITAL BIOL SPER* 49: 762-5, 30 JUL 73 *ITA*

ANIMAL EXPERIMENTS; BLOOD VESSELS (metabolism, enzymology); DOGS; GLYCOGEN (metabolism); GLYCOGEN PHOSPHORYLASE (metabolism); GLYCOGEN SYNTHETASE (metabolism); LYMPHATIC SYSTEM (metabolism, enzymology); MALE; NUCLEOTIDYLTRANSFERASES (metabolism).

GERTH C

KINETIC PROPERTIES OF THE PHOSPHOFRUCTOKINASE FROM ERYTHROCYTES OF RATS AND RABBITS. 1. THE INFLUENCE OF POTASSIUM AND AMMONIUM IONS AND OF INORGANIC PHOSPHATE. KUHN B, JACOBASCH G, GERTH C, RAPOPORT SM *EUR J BIOCHEM* 43: 437-42, 16 APR 74 *ENG*

KINETIC PROPERTIES OF THE PHOSPHOFRUCTOKINASE FROM ERYTHROCYTES OF RATS AND RABBITS. 2. THE INFLUENCE OF EFFECTORS UNDER NEARLY CELLULAR CONDITIONS. KUHN B, JACOBASCH G, GERTH C, RAPOPORT SM *EUR J BIOCHEM* 43: 443-50, 16 APR 74 *ENG*

GHOSH SK

EFFECTS OF OXYGEN DEPRIVATION ON INCORPORATION OF (U-14C)-GLUCOSE INTO MACROMOLECULES OF GUINEA PIG CEREBRAL CORTEX SLICES. GHOSH SK, COHEN MM *EXP NEUROL* 43: 570-9, JUN 74 *ENG*

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GIBBONS JC

ANIMAL EXPERIMENTS; CARBON RADIOISOTOPES; CEREBRAL ANOXIA (metabolism); CEREBRAL CORTEX (drug effects, metabolism); DNA (metabolism); GLUCOSE (metabolism); GLUTAMATES (metabolism); GUINEA PIGS; HYDROGEN-ION CONCENTRATION; LIPIDS (metabolism); MALE; NERVE TISSUE PROTEINS (metabolism); OXYGEN (pharmacodynamics); RNA (metabolism).

GIBBONS JC

UNUSUAL DIAGNOSTIC ASPECTS AND CURRENT MANAGEMENT OF PANCREATIC PSEUDOCYSTS. GILMAN PK, GIBBONS JC, KAPLAN MS, JULER GL *AM SURG* 40: 326-34, JUN 74 *ENG*

GIBBS P

THREE CASES OF ACUTE KETOTIC DIABETES MELLITUS WITH MYOCARDITIS: A COMMON VIRAL ORIGIN GIBBS P *BR MED J* 3: 781-3, 28 SEP 74 *ENG*
ACIDOSIS, DIABETIC (complications); ADULT; BLOOD PRESSURE; BLOOD SUGAR (analysis); COMPLEMENT FIXATION TESTS; ELECTROCARDIOGRAPHY; FEMALE; HUMAN; HYPOCALCEMIA (complications); IGA (analysis); IGG (analysis); IGM (analysis); INSULIN (therapeutic use); INSULIN, PROTAMINE ZINC (therapeutic use); KETOSIS, DIABETIC (complications, etiology, blood, physiopathology); LEUKOCYTE COUNT; MALE; MYOCARDITIS (complications, etiology, physiopathology, immunology); POSTURE; POTASSIUM (blood); VIRUS DISEASES (complications, immunology).

GIDDINGS AE

THE CONTROL OF PLASMA GLUCOSE IN THE SURGICAL PATIENT. GIDDINGS AE *BR J SURG* 61: 787-92, OCT 74 *ENG*
ABDOMEN (surgery); ANESTHESIA, GENERAL; ATROPINE (therapeutic use); BLOOD SUGAR (metabolism, analysis); FATTY ACIDS, NONESTERIFIED (blood); FENTANYL; GLUCOSE; HUMAN; INSULIN (blood); MALE; MORPHINE (therapeutic use); NITROGEN (urine); NITROUS OXIDE; OXYGEN; PAPAVERINE; PARENTERAL FEEDING; POSTOPERATIVE COMPLICATIONS (diet therapy, blood); POTASSIUM; SODIUM; SORBITOL; STARVATION.

GIDDINGS SJ

DIFFERENCES IN THE SUBCELLULAR LOCALIZATION OF THE STIMULATORY EFFECTS OF GLUCOSE AND PYRUVATE ON PROTEIN SYNTHESIS IN RAT THYMUS CELLS IN VITRO. GIDDINGS SJ, YOUNG DA *J CELL PHYSIOL* 83: 409-17, JUN 74 *ENG*
ANIMAL EXPERIMENTS; CARBON RADIOISOTOPES; CELL NUCLEUS (metabolism); CYTOPLASM (metabolism); GLUCOSE (pharmacodynamics); IN VITRO; LEUCINE (metabolism); NUCLEOPROTEINS (biosynthesis); PROTEINS (biosynthesis); PYRUVATES (pharmacodynamics); RATS; THYMUS GLAND (cytology, metabolism); TISSUE CULTURE, TRITIUM; URIDINE (metabolism); VALINE (metabolism).

GILBOA Y

DUAL FUNGUS INFECTION IN A PATIENT PRESENTING CLINICALLY AS MUCORMYCOSIS. BEEMER AM, KUTTIN ES, GILBOA Y, KOHN R, LEVIN MYKOSEN 17: 159-64, 1 JUL 74 *ENG*

GILMAN PK

UNUSUAL DIAGNOSTIC ASPECTS AND CURRENT MANAGEMENT OF PANCREATIC PSEUDOCYSTS. GILMAN PK, GIBBONS JC, KAPLAN MS, JULER GL *AM SURG* 40: 326-34, JUN 74 *ENG*

ADULT; AGED; AMYLASE (blood, urine); ANGIOGRAPHY; BILIRUBIN (blood); BLOOD SUGAR (analysis); CHOLANGIOGRAPHY; DRAINAGE; DUODENUM (radiography); FEMALE; HUMAN; LIPASE (blood); LIVER FUNCTION TESTS; MALE; MIDDLE AGE; PANCREATIC CYST (enzymology, mortality, radiography, surgery, diagnosis); POSTOPERATIVE COMPLICATIONS; RECURRENCE; UROGRAPHY.

GIMPEL LP

EFFECTS OF HUMAN SOMATOMEDIN PREPARATIONS ON MEMBRANE TRANSPORT AND PROTEIN SYNTHESIS IN THE ISOLATED RAT DIAPHRAGM. UTHNE K, REAGAN CR, GIMPEL LP, KOSTYO JL *J CLIN ENDOCRINOL METAB* 39: 548-54, SEP 74 *ENG*

GINGERICH RL

DISTRIBUTION OF INJECTED INSULIN AND INSULIN-ANTIBODY COMPLEXES IN NORMAL AND INSULIN-IMMUNIZED ANIMALS. FRIKKE MJ, GINGERICH RL, STRANAHAN PD, CARTER G, BAUMAN AK, GREIDER MH, WRIGHT PH, LACY PE *DIABETOLOGIA* 10: 345-51, AUG 74 *ENG*

GIORDANO G

[BEHAVIOR OF SOMATOMEDIN IN OBESE SUBJECTS] GIORDANO G, FOPPIANI E, MINUTO F, COMASCHI M, MARUGO M *BOLL SOC ITAL BIOL SPER* 49: 1236-41, 15 NOV 73 *ITA*
ADULT; DIET, REDUCING; FASTING; FEMALE; HUMAN; INSULIN (blood); MIDDLE AGE; OBESITY (physiopathology); SOMATOMEDIN (blood, biosynthesis, secretion); SOMATOTROPIN (blood).

GIPS CH

LETTER: AMMONIA AND CARBOHYDRATE METABOLISM IN CIRRHOSIS. GIPS CH *N ENGL J MED* 291: 795-6, 10 OCT 74 *ENG*
AMMONIA (metabolism, blood); GLUCOSE TOLERANCE TEST; GLUCOSE (metabolism); HUMAN; LIVER CIRRHOSIS (metabolism).

GIRARD J

[ARGININE TEST FOR THE EXAMINATION OF ENDOCRINE PANCREATIC FUNCTION IN CHILDHOOD] STAHL M, GIRARD J, RUTISHAUSER M, RONEN G *MONATSSCHR KINDERHEILK* 122: 615-6, JUL 74 *GER*

[EDITORIAL: RADIOIMMUNOASSAY (AUTHORS TRANSL.) GIRARD J *PRAxis* 63: 59-61, 22 JAN 74 *GER*
ANTIBODIES (analysis); ANTIGEN-ANTIBODY REACTIONS; DIABETES MELLITUS (immunology); HORMONES (analysis); HUMAN; INSULIN (blood); RADIOIMMUNOASSAY (methods).

GIRARD JR

GLUCOSE-INDUCED INCREASE OF PLASMA INSULIN IN THE RAT FETUS IN UTERO. KERVAN A, GIRARD JR *J ENDOCRINOL* 62: 545-51, SEP 74 *ENG*

GJOTTERBERG M

THE ELECTRORETINOGRAM IN DIABETIC RETINOPATHY. A CLINICAL STUDY AND A CRITICAL SURVEY. GJOTTERBERG M *ACTA OPHTHALMOL (KBH)* 52: 521-33, 1974 *ENG*

ADULT; DARK ADAPTATION; DIABETIC RETINOPATHY (diagnosis, physiopathology); DIAGNOSIS, DIFFERENTIAL; ELECTRORETINOGRAPHY; FEMALE; HUMAN; LIGHT; MALE; METHODS; OSCILLOMETRY; REGIONAL BLOOD FLOW; RETINA (physiopathology, blood supply); VISUAL ACUITY.

GLICK MR

GLUCOSE AND OCTANOATE UTILIZATION BY ISOLATED ADULT RAT HEART CELLS. GLICK MR, BURNS AH, REDDY WJ *LIFE SCI* 14: 1473-85, 16 APR 74 *ENG*
ANIMAL EXPERIMENTS; CALCIUM (pharmacodynamics); CAPRYLATES (metabolism); CARBON DIOXIDE (metabolism); CARBON RADIOISOTOPES; COMPARATIVE STUDY; DRUG STABILITY; GLUCOSE (metabolism); HEART (drug effects); IN VITRO; KINETICS; MAGNESIUM (pharmacodynamics); MYOCARDIUM (cytology, metabolism); POTASSIUM (pharmacodynamics); RATS; SODIUM; STIMULATION, CHEMICAL; TEMPERATURE; TIME FACTORS.

GLICK S

UNALTERED PLASMA GH LEVELS IN ACROMEGALICS AND NORMAL MEN AND WOMEN AFTER ADMINISTRATION OF (PYRO)GLU-SER-GLY-NH₂, A PROPOSED GH-RELEASING HORMONE. GONZALEZ-BARCENA D, KASTIN AJ, COY DH, GLICK S, SCHALCH DS, LEE LA, ARZAC JP, SCHALLY AV *J CLIN ENDOCRINOL METAB* 38: 1134-6, JUN 74 *ENG*

GLIGORE V

[CHANGES OF SERUM MAGNESIUM IN DIABETES MELLITUS] GLIGORE V, BOERIU IN, HINCU N, SOPON E, CAPRIOARA MED INTERNA (BUCUR) 26: 745-52, JUN 74 *RUM*
ADULT; AGED; DIABETES MELLITUS (blood); DIABETIC ANGIOPATHIES (blood); ENGLISH ABSTRACT; HUMAN; HYPERLIPEMIA (blood); LIPOPROTEINS (blood); MAGNESIUM (blood); MIDDLE AGE; OBESITY IN DIABETES (blood).

GLOTH R

[METABOLIC EFFECT OF VITAMIN D₃ HORMONES: IN VITRO EFFECT OF 25-HYDROXYCHOLECALCIFEROL ON RAT KIDNEY CORTEX GLUCONEOGENESIS FROM PYRUVATE] HENNING HV, GLOTH R, SCHELER F *VERH DTSCH GES INN MED* 79: 678-81, 1973 *GER*

GNAUCK G

THE FATTY ACID COMPOSITION OF THE TRIGLYCERIDES IN LIVER AND SUBCUTANEOUS FAT IN DIABETICS IN DEPENDENCE ON LIVER FATTY DEGENERATION. SINGER P, GNAUCK G, HONIGMANN G *ACTA MED POL* 15: 27-37, 1974 *ENG*

GOBERNA R

ACTION OF B-HYDROXY BUTYRATE, ACETOACETATE AND PALMITATE ON THE INSULIN RELEASE IN THE PERFUSED ISOLATED RAT PANCREAS. GOBERNA R, TAMARIT J JR, OSORIO J, FUSSGANGER R, TAMARIT J, PFEIFFER EF *HORM METAB RES* 6: 256-60, JUL 74 *ENG*

ACETOACETATES (pharmacodynamics); ANIMAL EXPERIMENTS; COMPARATIVE STUDY; GLUCOSE (pharmacodynamics); HYDROXYBUTYRATES (pharmacodynamics); IN VITRO; INSULIN ANTIBODIES; INSULIN (secretion, immunology); KINETICS; PALMITIC ACID (pharmacodynamics); PANCREAS (secretion, drug effects); PERFUSION; RATS; TIME FACTORS.

GOLDBERG I

INHIBITION OF LIPID SYNTHESIS IN ESCHERICHIA COLI CELLS BY THE ANTI-BIOTIC CERULENIN. GOLDBERG I, WALKER JR, BLOCH K *ANTIMICROB AGENTS CHEMOTHER* 3: 549-54, MAY 73 *ENG*

ANTIBIOTICS (pharmacodynamics); ESCHERICHIA COLI (drug effects, metabolism); ETHERS, CYCLIC (pharmacodynamics); FATTY

ACIDS (pharmacodynamics); FATTY ACIDS, UNSATURATED (pharmacodynamics); LIPIDS (biosynthesis); TRITUM.

GOLDBERG MF

OPTICAL RADIATION AND ZEISS SHORT-PULSED XENON PHOTOCOAGULATORS. I. CLINICAL CONSIDERATIONS OF ARTICULATION WITH THE FANKHAUSER SLIT-LAMP DELIVERY SYSTEM. PEYMAN GA, WYHINNY GJ, GOLDBERG MF *ARCH OPHTHALMOL* 92: 341-7, OCT 74 ENG

GOLDFINE ID

DNA SYNTHESIS IN HUMAN FIBROBLASTS: STIMULATION BY INSULIN AND BY NON-SUPPRESSIBLE INSULIN-LIKE ACTIVITY (NSILA-S). RECHLER MM, PODSKALNY JM, GOLDFINE ID, WELLS CA *J CLIN ENDOCRINOL METAB* 39: 512-21, SEP 74 ENG

GOLDRICK RB

FATTY ACID SYNTHESIS DE NOVO IN HUMAN ADIPOSE TISSUE. GOLDRICK RB, GALTON DJ *CLIN SCI MOL MED* 46: 469-79, APR 74 ENG

ACETATES (metabolism); ACETYL COA CARBOXYLASE (metabolism); ADIPOSE TISSUE (metabolism); ADULT; ATP CITRATE LYASE (metabolism); CARBON RADIOISOTOPES; FASTING; FATTY ACID SYNTHETASE COMPLEX (metabolism); FATTY ACIDS (biosynthesis); FEMALE; HUMAN; KINETICS; MALE; MIDDLE AGE; OBESITY (metabolism); STARVATION (metabolism).

GOLDSTEIN M

SURVIVAL AND GROWTH IN A WOMAN WITH UNTREATED HYPOTHALAMIC PANHYPOTITISM OF 21 YEARS DURATION. TOLIS G, CRUESS S, GOLDSTEIN M, FRIESEN HG, ROCHEFORT JG *CAN MED ASSOC J* 111: 553-6, 21 SEP 74 ENG

GOLLER H

A CLINICAL AND HISTOPATHOLOGICAL STUDY OF TWENTY-SEVEN CASES OF URBACH-WIETHE DISEASE. DERMATOLOGIC, GASTROENTEROLOGIC, NEUROPHYSIOLOGIC, OPHTHALMOLOGIC AND ROENTGENDIAGNOSTIC ASPECTS, AS WELL AS THE RESULTS OF SOME CLINICO-CHEMICAL AND HISTOCHEMICAL EXAMINATIONS. HOFER PA, LARSSON PA, GOLLER H, LAURELL H, LORENTZON R *ACTA PATHOL MICROBIOL SCAND [A]* 0: 1-87, 1974 ENG

GOLUB EI

[MUTANTS OF ESCHERICHIA COLI WITH IMPAIRED GLUCOSE TRANSPORT-PRODUCERS OF L-ASPARAGINASE] GOLUB EI, GARAIEV MH, BELKIND AM, MESHKOV AN *MIKROBIOLOGIJA* 43: 301-6, MAR 74 *RUS*
ABSORPTION; ASPARAGINASE (biosynthesis); BIOLOGICAL TRANSPORT; CARBON RADIOISOTOPES; COMPARATIVE STUDY; CULTURE MEDIA; DEPRESSION, CHEMICAL; ENGLISH ABSTRACT; ENZYME REPRESSION; ESCHERICHIA COLI (growth & development, enzymology); FRUCTOSE (metabolism); GALACTOSE (metabolism); GLUCOSE (metabolism, pharmacodynamics); GLUCOSEPHOSPHATES (metabolism); GLYCERIN (metabolism); ISOENZYMES (biosynthesis); MANNITOL (metabolism); METHYLGLYCOSIDES (metabolism); MUTATION; SORBITOL (metabolism); TRYPTOPHANASE (biosynthesis).

GONZALEZ AM

FISH LIVER FRUCTOSE 1,6-DIPHOSPHATASE. II. NEUTRAL AND ALKALINE FORMS. GONZALEZ F, GONZALEZ AM, MARCUS F *COMP BIOCHEM PHYSIOL [B]* 48: 67-73, 15 MAY 74 ENG

GONZALEZ E

[FUNCTIONING TUMOR OF THE PANCREAS (INSULINOMA)] ROBYNA G, GONZALEZ E *REV ESP ENFERM APAR DIG* 42: 715-24, 15 MAR 74 *SPA*

GONZALEZ F

FISH LIVER FRUCTOSE 1,6-DIPHOSPHATASE. II. NEUTRAL AND ALKALINE FORMS. GONZALEZ F, GONZALEZ AM, MARCUS F *COMP BIOCHEM PHYSIOL [B]* 48: 67-73, 15 MAY 74 ENG

ADENOSINE MONOPHOSPHATE (pharmacodynamics); ANIMAL EXPERIMENTS; COMPARATIVE STUDY; FISHES; HEXOSEDIPHOSPHATASE (antagonists & inhibitors, metabolism); HYDROGEN-ION CONCENTRATION; KINETICS; LIVER (enzymology); POTASSIUM (pharmacodynamics); SPECTROPHOTOMETRY; SPECTROPHOTOMETRY, ULTRAVIOLET; TIME FACTORS.

GONZALEZ SANTOS P

[LIPIDS AND ATHEROSCLEROSIS] GONZALEZ SANTOS P, DE LA HIGUERA ROJAS J *REV CLIN ESP* 132: 387-98, 15 MAR 74 *SPA* [69]

ANIMAL EXPERIMENTS; ARTERIOSCLEROSIS (enzymology, blood); CHOLESTEROL (blood); CHOLESTEROL, DIETARY; ESTERASES; FATTY ACIDS, NONESTERIFIED (blood); HUMAN; HYPERCHOLESTEREMIA (complications); HYPERLIPIDEMIA (blood, complications); LIPIDS (blood); LIPOPROTEIN LIPASE; LIPOPROTEINS (blood); MONKEYS; PHOSPHOLIPIDS (blood); RABBITS; REVIEW; SWINE; TRIGLYCERIDES (blood).

GONZALEZ-BARCENA D

UNALTERED PLASMA GH LEVELS IN ACROMEGALICS AND NORMAL MEN AND WOMEN AFTER ADMINISTRATION OF (PYRO)GLU-SER-GLY-NH₂, A PROPOSED GH-RELEASING HORMONE. GONZALEZ-BARCENA D, KASTIN AJ, COY DH, GLICK S, SCHALCH DS, LEE LA, ARZAC JP, SCHALLY AV *J CLIN ENDOCRINOL METAB* 38: 1134-6, JUN 74 ENG

ACROMEGALY (blood); ADULT; FEMALE; FSH (blood); HUMAN; LH (blood); MALE; MIDDLE AGE; PEPTIDES (pharmacodynamics); SOMATOTROPIN (blood); THYROTROPIN (blood); TIME FACTORS.

GOODMAN HM

PROTEIN KINASE IN ADIPOSE TISSUE: EFFECT OF HYPOPHYSSECTOMY. GORIN E, GOODMAN HM *HORM METAB RES* 6: 146-50, MAR 74 ENG

GOODMAN MN

EFFECT OF GLUCAGON: INSULIN RATIOS ON HEPATIC METABOLISM. PARRILLA R, GOODMAN MN, TOEWS CJ *DIABETES* 23: 725-31, SEP 74 ENG

SHORT-TERM EFFECTS OF OESTRADIOL BENZOATE IN NORMAL, HYPOPHYSSECTOMIZED AND ALLOXAN-DIABETIC MALE RATS. GOODMAN MN, HAZELWOOD RL *J ENDOCRINOL* 62: 439-49, SEP 74 ENG

ADRENAL CORTEX HORMONES (blood); ADRENAL GLANDS (drug effects); ALLOXAN DIABETES (physiopathology); ANIMAL EXPERIMENTS; BLOOD SUGAR (metabolism); BODY WEIGHT; DNA (analysis); ELECTROPHORESIS, POLYACRYLAMIDE GEL; ESTRADIOL (pharmacodynamics); GLYCOGEN (analysis); GLYCOSURIA; HYPOPHYSSECTOMY; IN VITRO; INSULIN (blood, metabolism); ISLANDS OF LANGERHANS (drug effects); LIVER (analysis); MALE; MICROSCOPY, ELECTRON; ORGAN WEIGHT; PITUITARY GLAND (drug effects, analysis); RATS; RNA (analysis); SEMINAL VESICLES (drug effects); SOMATOTROPIN (blood).

GOODNER CJ

ADAPTATION TO FASTING IN BABOON. I. INFLUENCE OF FEEDING SCHEDULE. KOERKER DJ, GOODNER CJ, TOIVOLA PT, GALE CC, ENSINCK JW *AM J PHYSIOL* 227: 520-30, SEP 74 ENG

GOPALAN C

HUMAN CATARACT AND GALACTOSE METABOLISM. SEETHARAM BHAT K, GOPALAN C *NUTR METAB* 17: 1-8, 1974 ENG

GORIN E

PROTEIN KINASE IN ADIPOSE TISSUE: EFFECT OF HYPOPHYSSECTOMY. GORIN E, GOODMAN HM *HORM METAB RES* 6: 146-50, MAR 74 ENG
ADENOSINE CYCLIC 3,5 MONOPHOSPHATE (pharmacodynamics); ADIPOSE TISSUE (drug effects, enzymology); ANIMAL EXPERIMENTS; COMPARATIVE STUDY; HISTONES; HYPOPHYSSECTOMY; KINETICS; PHOSPHATASES (metabolism); PHOSPHORUS RADIOISOTOPES; PITUITARY GLAND (physiology); PROTAMINES; PROTEIN KINASE (metabolism); RATS.

GORSKI J

[MYOCARDIAL REQUIREMENT FOR CATECHOLAMINES DURING EXERTION] GORSKI J *POL TYG LEK* 29: 1599-601, 16 AUG 74 *POL* [26]

ADAPTATION, PHYSIOLOGICAL; ADRENAL GLANDS (physiology); ADRENALECTOMY; ADRENERGIC BETA RECEPTOR BLOCKADERS; ANIMAL EXPERIMENTS; CARBOHYDRATES (metabolism); CATECHOLAMINES (physiology); DOGS; EXERTION; HUMAN; INSULIN (blood); ISLANDS OF LANGERHANS (physiology); MYOCARDIUM (metabolism); OXYGEN CONSUMPTION; RATS; RENIN (blood); REVIEW; SYMPATHECTOMY; SYMPATHETIC NERVOUS SYSTEM (physiology); TIME FACTORS.

GOTO Y

[METABOLISM OF ADIPOSE TISSUE. I. RELATIONSHIP BETWEEN THE SIZE OF FAT CELLS, WEIGHT INDEX AND PATIENTS AGE] ISHIKAWA T, HORIE K, AIZAWA T, NAKAMURA H, GOTO Y *JAP J GERIATR* 10: 321-6, NOV 73 *JAP*

GOTTESBUREN H

[DIABETES MELLITUS IN ACUTE AND CHRONIC PANCREATITIS (AUTHORS TRANSL.) STROHMAYER G, GOTTESBUREN H, BEHR C *DTSCH MED WOCHENSCHR* 99: 1481-8, 12 JUL 74 GER

GOTZ M

SYNTHESIS OF SOMATOSTATIN. IMMER HU, SESTANJ K, NELSON VR, GOTZ M *HELV CHIM ACTA* 57: 730-4, 27 APR 74 ENG

GOULD RG

DEPENDENCE OF THE CIRCADIAN RHYTHM OF HEPATIC BETA-HYDROXY-BETA-METHYLGLUTARYL COENZYME A ON RIBONUCLEIC ACID SYNTHESIS. A POSSIBLE SECOND SITE OF INHIBITION BY DIETARY CHOLESTEROL. EDWARDS PA, GOULD RG *J BIOL CHEM* 249: 2891-6, 10 MAY 74 ENG

GOUNELLE H

[IS IT POSSIBLE TO RECOMMEND DIETARY FOODS TO DIABETICS] GOUNELLE H, ASTIER-DUMAS M *JOURN ANNU DIABETOL HOTEL DIEU* 13: 205-9, 1972 FRE
DIABETES MELLITUS (diet therapy); DIETARY CARBOHYDRATES; FOOD ANALYSIS; FOOD-PROCESSING INDUSTRY; HUMAN; LEGISLATION, DRUG.

GRABNER W

GRABNER W

[ENDOCRINE SECRETORY DISORDERS IN CHRONIC PANCREATITIS (AUTHORS TRANSL)] GRABNER W, PHILLIP J, MAYER A, DANIEL U, MATZKIES F *DTSCH MED WOCHENSCHR* 99: 445-8, 8 MAR 74 GER

ADULT; BLOOD SUGAR (analysis); CHRONIC DISEASE; ENGLISH ABSTRACT; FEMALE; GLUCAGON (pharmacodynamics, diagnostic use); GLUCOSE (pharmacodynamics, diagnostic use); HUMAN; INSULIN (blood); ISLANDS OF LANGERHANS (secretion, drug effects); MALE; PANCREATITIS (metabolism, diagnosis, blood); STIMULATION, CHEMICAL; TOLBUTAMIDE (pharmacodynamics, diagnostic use).

GRAF L

HUMAN PITUITARY GROWTH HORMONE: ISOLATION AND PROPERTIES OF TWO BIOLOGICALLY ACTIVE FRAGMENTS FROM PLASMIN DIGESTS. LI CH, GRAF L *PROC NATL ACAD SCI USA* 71: 1197-201, APR 74 ENG

GRAFF JC

DIFFERENCES IN CYTOCHALASIN B INHIBITION OF 3-O-METHYLGLUCOSE UPTAKE BETWEEN BALB-3T3 CELLS AND A MURINE SARCOMA VIRUS TRANSFORMED CLONE. GRAFF JC, HANSON DJ, HATANAKA M *INT J CANCER* 12: 602-12, 15 NOV 73 ENG

ANIMAL EXPERIMENTS; AUTORADIOGRAPHY; CARBON RADIOISOTOPES; CELL LINE; CELL TRANSFORMATION; NEOPLASTIC (drug effects); CLONE CELLS (drug effects); COMPARATIVE STUDY; CYTOCHALASIN B (pharmacodynamics); GLUCOSE (antagonists & inhibitors, metabolism); MICE; MICE, INBRED BALB C; MOUSE TUMOR VIRUSES; SARCOMA, EXPERIMENTAL (etiology, metabolism); TEMPERATURE; TIME FACTORS.

GREEN DE

ENERGY COUPLING IN MITOCHONDRIA. KOMAI H, HUNTER DR, GREEN DE *ANN NY ACAD SCI* 227: 175-8, 18 FEB 74 ENG

GREENBAUM AL

ADENOSINE 3:5-MONOPHOSPHATE AND HORMONE INTERRELATIONSHIPS IN THE MAMMARY GLAND OF THE RAT DURING PREGNANCY AND LACTATION. SAPAG-HAGAR M, GREENBAUM AL *EUR J BIOCHEM* 47: 303-12, 1 SEP 74 ENG

GREENBERG E

INTERACTION OF SPINACH LEAF ADENOSINE DIPHOSPHATE GLUCOSE ALPHA-1,4-GLUCAN ALPHA-4-GLUCOSYL TRANSFERASE AND ALPHA-1,4-GLUCAN, ALPHA-1,4-GLUCAN-6-GLYCOSYL TRANSFERASE IN SYNTHESIS OF BRANCHED ALPHA-GLUCAN. HAWKER JS, OZBUN JL, OZAKI H, GREENBERG E, PREISS J *ARCH BIOCHEM BIOPHYS* 160: 530-51, FEB 74 ENG

GREGORATOS G

CORONARY ARTERY DISEASE IN YOUNG PATIENTS: ARTERIOGRAPHIC AND CLINICAL REVIEW OF 40 CASES AGED 35 AND UNDER. DAVIA JE, HALLAL FJ, CHEITLIN MD, GREGORATOS G, MCCARTY R, FOOTE W *AM HEART J* 87: 689-96, JUN 74 ENG

GREIDER MH

DISTRIBUTION OF INJECTED INSULIN AND INSULIN-ANTIBODY COMPLEXES IN NORMAL AND INSULIN-IMMUNIZED ANIMALS. FRIKKE MJ, GINGERICH RL, STRANAHAN PD, CARTER G, BAUMAN AK, GREIDER MH, WRIGHT PH, LACY PE *DIABETOLOGIA* 10: 345-51, AUG 74 ENG

GRENNAN D

GASTRIN: A REVIEW. ROONEY PJ, GRENNAN D, MILLAR J *CURR MED RES OPIN* 2: 295-304, 1974 ENG [63]

GRIFFEL B

[MORPHOLOGIC ENTITIES IN GLOMERULAR PATHOLOGY] GRIFFEL B *HAREFUH* 87: 27-8, 1 JUL 74 HEB
DIABETIC NEPHROPATHIES (pathology); GLOMERULONEPHRITIS (pathology); HUMAN; KIDNEY GLOMERULUS (pathology).

GRIFFITHS DE

STRUCTURAL AND CHEMICAL ASPECTS OF THE INHIBITORS OF MITOCHONDRIAL ATP SYNTHESIS. BEECHY RB, LINDOP CR, BROUGHALL JM, GRIFFITHS DE, HOUGHTON RL *ANN NY ACAD SCI* 227: 542-8, 18 FEB 74 ENG

GRINSTEIN S

INSULIN UNMASKS LATENT SODIUM PUMP SITES IN FROG MUSCLE. GRINSTEIN S, ERLI D *NATURE* 251: 57-8, 6 SEP 74 ENG
ANIMAL EXPERIMENTS; BINDING SITES; BIOLOGICAL TRANSPORT, ACTIVE (drug effects); CELL MEMBRANE (metabolism); IN VITRO; INSULIN (pharmacodynamics, antagonists & inhibitors); KINETICS; MUSCLES (metabolism); OUABAIN (pharmacodynamics, metabolism); RADIOISOTOPES; RANA PIPIENS; SODIUM ISOTOPES; SODIUM (metabolism); STIMULATION, CHEMICAL; TRITIUM.

GRODSKY GM

STAIRCASE GLUCOSE STIMULATION OF INSULIN SECRETION IN OBESITY. MEASURE OF BETA-CELL SENSITIVITY AND CAPACITY. KARAM JH, GRODSKY GM, CHING KN, SCHMID F, BURRILL K, FORSHAM PH *DIABETES* 23: 763-70, SEP 74 ENG

SYNTHESIS AND SECRETION OF INSULIN IN DYNAMIC PERFUSION SYSTEMS. GRODSKY GM, SANDO H, LEVIN S, GERICH J, KARAM J *ADV METAB DISORD* 7: 155-70, 1974 ENG [28]

ANIMAL EXPERIMENTS; ANTIMETABOLITES (pharmacodynamics); ARGinine (pharmacodynamics); CARBON RADIOISOTOPES; COMPARATIVE STUDY; COMPUTERS, DIGITAL; GLUCAGON (secretion); GLUCOSE (pharmacodynamics); INSULIN (metabolism, secretion, biosynthesis); ISLANDS OF LANGERHANS (metabolism, secretion); ISOTOPE LABELING; LEUCINE (metabolism); MODELS, BIOLOGICAL; OBESITY (metabolism); OLIGOMYCIN (pharmacodynamics); PANCREAS (metabolism, secretion, drug effects); PERFUSION; RATS; REVIEW; TIME FACTORS; TOLBUTAMIDE (pharmacodynamics).

GROSS R

FREE FATTY ACID-GLUCAGON FEED-BACK MECHANISM. GROSS R, MIALHE P *DIABETOLOGIA* 10: 277-83, AUG 74 ENG
ANIMAL EXPERIMENTS; DUCKS; FASTING; FATTY ACIDS, NONESTERIFIED (metabolism, blood); FEEDBACK; GLUCAGON (metabolism, blood, analysis); HYPOGLYCEMIA (chemically induced); INFUSIONS, PARENTERAL; LINOLEIC ACID (administration & dosage); LIPID MOBILIZATION; MALE; OLEIC ACID (administration & dosage); PANCREAS (analysis); PANCREATECTOMY.

GROSSMAN SH

THE PREPARATION AND CHARACTERIZATION OF PURE RAT LIVER GLUCOKINASE. GROSSMAN SH, DORN CG, POTTER VR Jr *CLIN INVEST* 53: 3055-60, JUN 74 ENG
ADENOSINE TRIPHOSPHATE (metabolism); AMMONIUM SULFATE; ANIMAL EXPERIMENTS; BINDING SITES; CELLULOSE; CHRO-

MATOGRAPHY, DEAE-CELLULOSE; CHROMATOGRAPHY, ION EXCHANGE; DIETARY CARBOHYDRATES (administration & dosage); DRUG STABILITY; ELECTROPHORESIS; POLYACRYLAMIDE GEL; GEL FILTRATION; GLUCOKINASE (antagonists & inhibitors, isolation & purification); HEAT; HEXOSES (metabolism); HYDROGEN-ION CONCENTRATION; KINETICS; LIVER (enzymology); MOLECULAR WEIGHT; POLYSACCHARIDES; RATS; SODIUM DODECYL SULFATE; SPECTROPHOTOMETRY, ULTRAVIOLET; STRUCTURE-ACTIVITY RELATIONSHIP; ULTRACENTRIFUGATION.

GROSSWICZ N

PROPERTIES OF ALPHA-AMINOISOBUTYRIC ACID TRANSPORT IN A THERMOPHILIC MICROORGANISM. REIZER J, GROSSWICZ N *J BACTERIOL* 118: 414-24, MAY 74 ENG

GROTHER G

[PITUITARY GLAND-ADRENAL CORTEX REGULATION IN PATIENTS WITH CHRONIC KIDNEY FAILURE DURING LONGTIME HEMODIALYSIS] HRUBESCH M, WAGNER H, WENNING N, ADAMS M, STURMER H, BOCKEL K, GROTHE G, LOEW H, WESSELS F, HAUSS WH *VERH DTSCH GES INN MED* 79: 731-4, 1973 GER

GROVES AC

IMPAIRED GLUCONEOGENESIS IN DOGS WITH E. COLI BACTEREMIA. GROVES AC, WOOLF LI, OREGAN PJ, BEACH C, HASINOFF C, SUTHERLAND WH *SURGERY* 76: 533-41, OCT 74 ENG

ALANINE (blood); ANIMAL EXPERIMENTS; BLOOD SUGAR (analysis); BLOOD UREA NITROGEN; CREATININE (blood); DOGS; ESCHERICHIA COLI INFECTIONS (metabolism); GLUCONEOGENESIS; INSULIN (blood); LACTATES (blood); LIVER GLYCOGEN (metabolism); PYRUVATES (blood); SEPTICEMIA (metabolism); TIME FACTORS.

GRUNEIRO L

LEVELS OF PLASMA GROWTH HORMONE IN CHILDREN WITH CONGENITAL HEART DISEASE. FAHRER M, GRUNEIRO L, RIVAROLA M, BERGADA C *ACTA ENDOCRINOL (KBH)* 77: 451-9, NOV 74 ENG

GUDER WG

METABOLISM OF ISOLATED KIDNEY TUBULES. REGULATION OF PYRUVATE DEHYDROGENASE BY METABOLIC SUBSTRATES. GUDER WG, WIELAND OH *EUR J BIOCHEM* 42: 529-38, 1 MAR 74 ENG

ACETATES (pharmacodynamics); ACETONE (pharmacodynamics); ANIMAL EXPERIMENTS; CLOSTRIDIOPEPTIDASE A; COMPARATIVE STUDY; ENZYME ACTIVATION; FRUCTOSE (pharmacodynamics); GLUCOSE (pharmacodynamics); GLUTAMATES (pharmacodynamics); GLUTAMINE (pharmacodynamics); GLYCERIN (pharmacodynamics); IN VITRO; KETOGLUTARIC ACID (pharmacodynamics); KIDNEY CORTEX (drug effects, enzymology); KIDNEY TUBULES (drug effects, enzymology); KINETICS; MALATES (pharmacodynamics); MALE; OLEIC ACID (pharmacodynamics); PYRUVATE DEHYDROGENASE COMPLEX (metabolism); PYRUVATES (pharmacodynamics); RATS; SPECTROPHOTOMETRY; STARVATION; SUCCINATES (pharmacodynamics); TIME FACTORS.

GUERIN B

ANALYSIS OF THE REACTIVITY OF SH-REAGENTS WITH THE MITOCHONDRIAL PHOSPHATE CARRIER. KLINGENBERG M,

DURAND R, GUERIN B *EUR J BIOCHEM* 42: 135-50, 15 FEB 74 ENG

GUERIS J

[INSULINEMIA AND PREGNANCY] TESCHER M, GUERIS J, TECHENET J, MORIN P, STRICH-MOUGENOT C, DIEULANGARD P *SEM HOP PARIS* 50: 1333-9, 26 APR 74 FRE

[SOMATOMAMMOTROPIC CHORIONIC HORMONE AND GLYCO-REGULATION] TESCHER M, MORIN P, GUERIS J, TECHENET J, SERPEAU P, PAOLAGGI F *SEM HOP PARIS* 50: 1327-32, 26 APR 74 FRE

GUILLEMIN R

GROWTH HORMONE AND DIABETES IN MAN. OLD CONCEPTS-NEW IMPLICATIONS. LUFT R, GUILLEMIN R *DIABETES* 23: 783-7, SEP 74 ENG

GUISARD D

[THE CONTINUOUS RECORDING OF GLYCEMIA. A METHOD FOR HUMAN CLINICAL STUDY OF THE HYPOGLYCEMIC ACTION OF PHARMACOLOGIC SUBSTANCES] DEBRY G, GUISARD D, MEJEAN L, DROUIN P *JOURN ANNU DIABETOL HOTEL DIEU* 13: 303-11, 1972 FRE

GUSEINOV RR

[WOUND HEALING AFTER TOOTH EXTRACTION IN DIABETICS] GUSEINOV RR *STOMATOLOGIA (MOSK)* 53: 87-9, JAN-FEB 74 RUSS

DIABETES MELLITUS (complications); FEMALE; HUMAN; MALE; POSTOPERATIVE COMPLICATIONS (prevention & control); TOOTH EXTRACTION (adverse effects); WOUND HEALING.

GUSMAN RE

[STATE OF THE CARDIOVASCULAR SYSTEM IN PATIENTS WITH DIABETES MELLITUS AND ITS DYNAMICS UNDER THE EFFECT OF COMPLEX TREATMENT AT THE ESSENTUKI HEALTH RESORT] NANZIASHVILI IS, KRASHENITSIA GM, GUSMAN RE *VOPR KURORTOL FIZIOTER LECH FIZ KULT* 0: 257-62, MAY-JUN 74 RUSS

GUY-GRAND B

[THE POSSIBLE ROLE OF ADIPOSE TISSUE IN INSULIN RESISTANCE AND IN THE PHYSIOLOGY OF OBESITY] GUY-GRAND B, BOUR H *JOURN ANNU DIABETOL HOTEL DIEU* 13: 81-92, 1972 FRE [47]

ADIPOSE TISSUE (physiopathology, metabolism); BLOOD SUGAR (metabolism); FATTY ACIDS, NONESTERIFIED (metabolism); GLUCOSE TOLERANCE TEST; HUMAN; HYPERGLYCEMIA (metabolism); HYPERINSULINISM (metabolism); INSULIN RESISTANCE; INSULIN (secretion, blood); ISLANDS OF LANGERHANS (secretion); OBESITY IN DIABETES (physiopathology, metabolism); REVIEW.

GUYNN RW

EQUILIBRIUM CONSTANTS OF THE REACTIONS OF ACETYL COENZYME A SYNTHETASE AND THE HYDROLYSIS OF ADENOSINE TRIPHOSPHATE TO ADENOSINE MONOPHOSPHATE AND INORGANIC PYROPHOSPHATE. GUYNN RW, WEBSTER LT JR, VEECH RL *J CLIN INVEST* 53: 3248-54, JUN 74 ENG

ACETYL COENZYME A (metabolism); ADENOSINE MONOPHOSPHATE (metabolism); ADENOSINE TRIPHOSPHATE (metabolism); ADENOSINE TRIPHOSPHATE (metabolism); ANIMAL EXPERIMENTS; CATIONS, MONOVALENT; CATTLE; COENZYME A SYNTHETASES (metabolism); COMPUTERS, DIGITAL; HYDROGEN-ION CONCENTRATION; HYDROLYSIS; KINETICS; MAGNESIUM

(metabolism); MATHEMATICS; MITOCHONDRIA, MUSCLE (enzymology); MYOCARDIUM (enzymology); OSMOLAR CONCENTRATION; PHOSPHATES (metabolism); SPECTROPHOTOMETRY; SPECTROPHOTOMETRY, ATOMIC ABSORPTION; TEMPERATURE; THERMODYNAMICS.

GYRD-HANSEN N

EXPERIMENTAL PORCINE NEPHROPATHY. CHANGES OF RENAL FUNCTION AND STRUCTURE INDUCED BY OCHRATOXIN A-CONTAMINATED FEED. KROGH P, AXELSEN NH, ELLING F, GYRD-HANSEN N, HALD B, HYLDGAARD-JENSEN J, LARSEN AE, MADSEN A, MORTENSEN HP, MOLLER T, PETERSEN OK, RAVNSKOV U, ROSTGAARD M, AALUND O *ACTA PATHOL MICROBIOL SCAND [A]* 0: 1-21, 1974 ENG

GZHITSKII SZ

[CARBOHYDRATE METABOLIC ENZYME ACTIVITY AND THE GLYCOGEN CONTENT IN THE MUSCLES OF PUREBRED AND HYBRID CATTLE] BEREZA IG, GZHITSKII SZ *UKR BIOKHIM ZH* 45: 598-601, SEP-OCT 73 UKR

HACKSHAW R

THE RAT MAST CELL DEGRANULATION ASSAY AS AN IN VITRO ALLERGY TEST. WETHERALL JD, HACKSHAW R, TURNER KJ *AUST NZ J MED* 4: 187-91, APR 74 ENG

HAEGELE P

[THE CONTRIBUTION OF ISOLATED RABBIT LIVER PERFUSION TO THE STUDY OF INSULIN ACTION ON CARBOHYDRATE METABOLISM OF THE LIVER] DORNER M, BROGARD JM, HAEGELE P, STAHL J *JOURN ANNU DIABETOL HOTEL DIEU* 13: 173-86, 1972 FRE [47]

HAHN HJ

[CHANGES IN THE INSULIN SECRETION OF ISOLATED LANGERHANS ISLANDS INDUCED BY TREATMENT WITH NEURAMINIDASE] HAHN HJ, HELLMAN B, LERNMARK A, TALJEDAL IB *ACTA BIOL MED GER* 32: 375-83, 1974 GER

ANIMAL EXPERIMENTS; ENGLISH ABSTRACT; GLUCOSE (pharmacodynamics); INSULIN (secretion); ISLANDS OF LANGERHANS (physiology, drug effects); MICE; NEURAMINIDASE (pharmacodynamics); SIALIC ACIDS (metabolism); STIMULATION, CHEMICAL; THEOPHYLLINE (pharmacodynamics).

HAJZOK O

[WEBER-CHRISTIAN DISEASE WITH ORGAN MANIFESTATIONS (AUTHORS TRANSL)] TOMIK F, HAJZOK O *BRATISL LEK LISTY* 62: 351-7, SEP 74 SLO

HAKANSON R

THE EFFECT OF SECRETAGOGUES AND ANTISECRETAGOGUES ON HISTIDINE DECARBOXYLASE ACTIVITY IN RAT GASTRIC MUCOSA. OSCARSON J, HAKANSON R, LIEBERG G *AGENTS ACTIONS* 4: 183-4, AUG 74 ENG

HALD B

EXPERIMENTAL PORCINE NEPHROPATHY. CHANGES OF RENAL FUNCTION AND STRUCTURE INDUCED BY OCHRATOXIN A-CONTAMINATED FEED. KROGH P, AXELSEN NH, ELLING F, GYRD-HANSEN N, HALD B, HYLDGAARD-JENSEN J, LARSEN AE, MADSEN A, MORTENSEN HP, MOLLER T, PETERSEN OK, RAVNSKOV U, ROSTGAARD M, AALUND O *ACTA PATHOL MICROBIOL SCAND [A]* 0: 1-21, 1974 ENG

HALDANE EV

STREPTOCOCCUS BOVIS ENDOCARDITIS. HALDANE EV, HALDANE JH, DIGOUT G, WEST A, ROOYEN CE VAN *CAN MED ASSOC J* 111: 678-9, 82, 5 OCT 74 ENG

AORTIC VALVE INSUFFICIENCY (etiology, surgery); CLINDAMYCIN (administration & dosage); DIABETES MELLITUS (complications); DRUG HYPERSENSITIVITY (etiology); ENDOCARDITIS, BACTERIAL (etiology, microbiology, drug therapy, complications); HEART FAILURE, CONGESTIVE (etiology); HUMAN; MALE; MICROBIAL SENSITIVITY TESTS; MIDDLE AGE; PENICILLIN G (administration & dosage, adverse effects); STREPTOCOCCAL INFECTIONS (microbiology, drug therapy, complications); STREPTOCOCCUS (isolation & purification); SULFISOXAZOLE (administration & dosage); VANCOMYCIN (administration & dosage).

HALDANE JH

STREPTOCOCCUS BOVIS ENDOCARDITIS. HALDANE EV, HALDANE JH, DIGOUT G, WEST A, ROOYEN CE VAN *CAN MED ASSOC J* 111: 678-9, 82, 5 OCT 74 ENG

HALER D

LETTER: SELF-TESTING REAGENTS FOR DIABETICS. HALER D *LANCET* 2: 648-9, 14 SEP 74 ENG

DIABETES MELLITUS (prevention & control); HUMAN; INDICATORS AND REAGENTS (therapeutic use); SELF MEDICATION.

HALL K

SIMILAR EFFECTS OF CALITONIN, INSULIN AND SOMATOMEDIN A ON LIPOLYSIS AND UPTAKE OF CALCIUM AND GLUCOSE IN RAT ADIPOSE TISSUE IN VITRO. WERNER S, HALL K, LOW H *HORM METAB RES* 6: 319-25, JUL 74 ENG

HALLAL FJ

CORONARY ARTERY DISEASE IN YOUNG PATIENTS: ARTERIOGRAPHIC AND CLINICAL REVIEW OF 40 CASES AGED 35 AND UNDER. DAVIA JE, HALLAL FJ, CHEITLIN MD, GREGORATOS G, MCCARTY R, FOOTE W *AM HEART J* 87: 689-96, JUN 74 ENG

HALLOWES RC

CORRELATION BETWEEN THE EFFECTS OF HORMONES ON THE SYNTHESIS OF DNA IN EXPLANTS FROM INDUCED RAT MAMMARY TUMOURS AND THE GROWTH OF THE TUMOURS. LEWIS D, HALLOWES RC *J ENDOCRINOL* 62: 225-40, AUG 74 ENG

HAMBY RI

DIABETIC CARDIOMYOPATHY. HAMBY RI, ZONERAICH S, SHERMAN L *JAMA* 229: 1749-54, 23 SEP 74 ENG

ADULT; ANGIOGRAPHY; AUTOPSY; CARDIAC VOLUME; CORONARY VESSELS (pathology); DIABETES MELLITUS (complications); DIABETIC ANGIOPATHIES (pathology); FEMALE; HEART ENLARGEMENT (pathology); HEMODYNAMICS; HUMAN; MALE; MIDDLE AGE; MYOCARDIAL DISEASES, PRIMARY (etiology, physiopathology, pathology); MYOCARDIUM (pathology).

HAMILTON PB

THE EFFECT OF ENVIRONMENTAL TEMPERATURE ON PARATHYROID INFECTION IN THE NEONATAL CHICKEN. THAXTON P, WYATT RD, HAMILTON PB *POULT SCI* 53: 88-94, JAN 74 ENG

HAMLIN H

STEREOTAXIC THERMAL PITUITARY ABLATION. ZERVAS NT, HAMLIN H *ACTA NEUROCHIR (WIEN)* 21: 165-8, 1974 ENG

HANDLOGTEN ME

HANDLOGTEN ME

MODIFIED TRANSPORT SUBSTRATES AS PROBES FOR INTRAMEMBRANE GRADIENTS. CHRISTENSEN HN, DE CESPEDES C, HANDLOGTEN ME, RONQUIST G *ANN NY ACAD SCI* 227: 355-79, 18 FEB 74 *ENG*

HANISCH R

AN EPIDEMIOLOGIC STUDY OF BREAST CANCER. HENDERSON BE, POWELL D, ROSARIO I, KEYS C, HANISCH R, YOUNG M, CASAGRANDE J, GERKINS V, PIKE MC *J NATL CANCER INST* 53: 609-14, SEP 74 *ENG*

HANSEN B

PREPARATION AND CHARACTERIZATION OF MONOIODINSULIN. LINDE S, HANSEN B *INT J PEPT PROTEIN RES* 6: 157-63, 1974 *ENG*

HANSEN SR

CARBONYLBIS(L-METHIONYL)INSULIN. A PROINSULIN ANALOG WHICH IS CONVERTIBLE TO INSULIN. BUSSE WD, HANSEN SR, CARPENTER FH *J AM CHEM SOC* 96: 5949-50, 4 SEP 74 *ENG*

HANSON DJ

DIFFERENCES IN CYTOCHALASIN B INHIBITION OF 3-O-METHYLGLUCOSE UPTAKE BETWEEN BALB-3T3 CELLS AND A MURINE SARCOMA VIRUS TRANSFORMED CLONE. GRAFF JC, HANSON DJ, HATANAKA M *INT J CANCER* 12: 602-12, 15 NOV 73 *ENG*

HANSON TJ

LETTER: DIAGNOSIS OF INSULINOMAS. BAL-LOFF LB, HANSON TJ *ANN INTERN MED* 81: 565-6, OCT 74 *ENG*

HANZLIK J

[OWN OBSERVATIONS ON THE ACTION OF GLIBENCLAMIDE (DAONIL) IN DIABETES] LOPATYNSKI J, HANZLIK J, FIJALKOWSKA A *WIAD LEB* 27: 1465-70, 15 SEP 74 *POL*

HARDAS AP

INFLUENCE OF FATTY ACIDS ON CARDIAC FUNCTION. CHOPDE CT, BRAHMANKAR DM, HARDAS AP, DORLE AK *INDIAN J MED RES* 61: 1651-7, NOV 73 *ENG*

HARDER ME

PROCEEDINGS: GENETIC ENGINEERING OF MEMBRANE LIPID. SILBERT DF, CRONAN JE JR, BEACHAM IR, HARDER ME *FED PROC* 33: 1725-32, JUN 74 *ENG*

HARDING AP

LETTER: LACTIC ACIDOSIS AND BIGUANIDES. HARDING AP *NZ MED J* 80: 31, 10 JUL 74 *ENG*
ACIDOSIS (chemically induced); HUMAN; LACTATES (blood); METFORMIN (adverse effects); PHENFORMIN (adverse effects).

HARE WS

RELATIONSHIP OF RISK FACTORS AND ANGIOGRAPHIC FINDINGS IN YOUNG PATIENTS WITH CARDIAC INFARCTION. VALENTINE PA, HARE WS, SLOMAN JG *MED J AUST* 2: SUPPL018-9, 11 AUG 73 *ENG*

HARNDT R

[SYSTEMATIC LABORATORY STUDIES IN PATIENTS WITH PERIODONTAL DISEASES] HARNDT R, SCHLUMS D, HOEFIG W *DTSCH ZAHNAERZTL Z* 99: 260-5, FEB 73 *GER*
ACID PHOSPHATASE (metabolism); ADULT; ALKALINE PHOSPHATASE (metabolism); BLOOD PROTEIN ELECTROPHORESIS; BLOOD PROTEINS (analysis); BLOOD SUGAR (analysis); CALCIUM (analysis); DIAGNOSIS,

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LABORATORY; GAMMA GLOBULIN (analysis); GEL DIFFUSION TESTS; HUMAN; MIDDLE AGE; PERIODONTAL DISEASES (diagnosis); PHOTOMETRY; POTASSIUM (analysis); SERUM ALBUMIN (analysis); SODIUM (analysis); TRIGLYCERIDES (analysis).

HAROLD FM

CHEMIOSMOTIC INTERPRETATION OF ACTIVE TRANSPORT IN BACTERIA. HAROLD FM *ANN NY ACAD SCI* 227: 297-311, 18 FEB 74 *ENG* [63]

ADENOSINE TRIPHOSPHATASE (metabolism); ADENOSINE TRIPHOSPHATE (metabolism); AMINO ACIDS (metabolism); BIOLOGICAL TRANSPORT, ACTIVE; CELL MEMBRANE (metabolism); COMPARATIVE STUDY; CYTOPLASM (metabolism); ESCHERICHIA COLI (metabolism); GLUCOSE (metabolism); GLYCOLYSIS; HYDROGEN-ION CONCENTRATION; MODELS, BIOLOGICAL; OXYGEN CONSUMPTION; PHOSPHATES (metabolism); POTASSIUM (metabolism); REVIEW; SPECIES SPECIFICITY; STREPTOCOCCUS FAECALIS (cytology, metabolism).

HARRIS EJ

PROSTAGLANDIN INDUCTION OF MITOCHONDRIAL RESPIRATION AND ADAPTIVE CHANGES OF ENZYMES IN THE PERFUSED RAT LIVER. WIMHURST JM, HARRIS EJ *EUR J BIOCHEM* 42: 33-43, 15 FEB 74 *ENG*

HARWOOD JP

5-GUANYLYLIMIDODIPHOSPHATE, A POTENT ACTIVATOR OF ADENYLATE CYCLASE SYSTEMS IN EUKARYOTIC CELLS. LONDOS C, SALOMON Y, LIN MC, HARWOOD JP, SCHRAMM M, WOLFF J, RODBELL M *PROC NATL ACAD SCI USA* 71: 3087-90, AUG 74 *ENG*

HASHIMOTO S

OXIDATION OF PALMITYL-COA TO CO₂ BY NORMAL AND ATHEROSCLEROTIC AORTIC MITOCHONDRIA. HASHIMOTO S, DAYTON S *LIFE SCI* 14: 945-55, 1 MAR 74 *ENG*

ADENOSINE DIPHOSPHATE (pharmacodynamics); ALBUMINS (pharmacodynamics); ANIMAL EXPERIMENTS; AORTA (cytology, pathology, metabolism); ARTERIOSCLEROSIS (chemically induced, metabolism); CARBON DIOXIDE (metabolism); CARBON RADIOISOTOPES; CARNITINE (pharmacodynamics); CHOLESTEROL; COENZYME A (metabolism); COMPARATIVE STUDY; HYPERCHOLESTEREMIA (chemically induced, metabolism); KINETICS; MALATES (pharmacodynamics); MITOCHONDRIA (drug effects, metabolism); OILS; OXIDATION-REDUCTION; PALMITIC ACID (metabolism); RABBITS; TIME FACTORS.

HASHIMOTO T

SYNTHESIS OF HUMAN CONNECTING PEPTIDE DERIVATIVES AND THEIR IMMUNOLOGICAL PROPERTIES. YANAIHARA N, HASHIMOTO T, YANAIHARA C, SAKAGAMI M *BIOCHEM BIOPHYS RES COMMUN* 59: 1124-30, 5 AUG 74 *ENG*

HASINOFF C

IMPAIRED GLUCONEOGENESIS IN DOGS WITH E. COLI BACTEREMIA. GROVES AC, WOLF LI, OREGAN PJ, BEACH C, HASINOFF C, SUTHERLAND WH *SURGERY* 76: 533-41, OCT 74 *ENG*

HASSELBLATT A

EFFECT OF HYPOGLYCEMIC SULFONYLUREAS ON HEPATIC FRUCTOSE METABOLISM IN THE RAT. SCHONBORN J, POSER W, PANTEN U, HASSELBLATT A *HORM METAB RES* 6: 284-3, JUL 74 *ENG*

HATA Y

MORPHOLOGY OF CHOLESTERYL ESTER-RICH INCLUSIONS IN LESIONS OF ATHEROSCLEROSIS IN MAN. INSULL W JR, HATA Y, MEAKIN JD, MARCHANT L, ANDREWS CW, BUZEK B *ATHEROSCLEROSIS* 19: 555-60, MAY-JUN 74 *ENG*

HATANAKA M

DIFFERENCES IN CYTOCHALASIN B INHIBITION OF 3-O-METHYLGLUCOSE UPTAKE BETWEEN BALB-3T3 CELLS AND A MURINE SARCOMA VIRUS TRANSFORMED CLONE. GRAFF JC, HANSON DJ, HATANAKA M *INT J CANCER* 12: 602-12, 15 NOV 73 *ENG*

HAUBENREISER H

[JUVENILE DIABETES MELLITUS AND SECONDARY DISEASE FROM THE CURRENT VIEWPOINT] SCHUKOWSKI H, LUDTKE E, HAUBENREISER H *KINDERAEZTL PRAX* 42: 114-20, MAR 74 *GER*

HAUGEN HN

TRANSSPHENOIDAL SUBTOTAL HYPOPHYSECTOMY IN THE TREATMENT OF ACROMEGALY. BOHMER T, BERDAL P, HAUGEN HN *ACTA ENDOCRINOL (KBH)* 77: 477-84, NOV 74 *ENG*

HAUSS WH

[PITUITARY GLAND-ADRENAL CORTX REGULATION IN PATIENTS WITH CHRONIC KIDNEY FAILURE DURING LONGTIME HEMODIALYSIS] HRUBESCH M, WAGNER H, WENNING N, ADAMS M, STURMER H, BOCKEL K, GROTHE G, LOEW H, WESSELS F, HAUSS WH *VERH DTSCH GES INN MED* 79: 731-4, 1973 *GER*

HAUTECOUVREURE M

ONE TO FIVE DAYS OF CONTINUOUS INTRAVENOUS INSULIN INFUSION ON SEVEN DIABETIC PATIENTS. SLAMA G, HAUTECOUVREURE M, ASSAN R, TCHOUBROUTSKY G *DIABETES* 23: 732-8, SEP 74 *ENG*

HAWKER JS

INTERACTION OF SPINACH LEAF ADENOSINE DIPHOSPHATE GLUCOSE ALPHA-1,4-GLUCAN ALPHA-4-GLUCOSYL TRANSFERASE AND ALPHA-1,4-GLUCAN, ALPHA-1,4-GLUCAN-6-GLYCOSYL TRANSFERASE IN SYNTHESIS OF BRANCHED ALPHA-GLUCAN. HAWKER JS, OZBUN JL, OZAKI H, GREENBERG E, PREISS J *ARCH BIOCHEM BIOPHYS* 160: 530-51, FEB 74 *ENG*

ADENOSINE; AMYLASE; ANIMAL EXPERIMENTS; CARBON RADIOISOTOPES; CENTRIFUGATION, DENSITY GRADIENT; CHROMATOGRAPHY, AFFINITY; CHROMATOGRAPHY, DEAE-CELLULOSE; CHROMATOGRAPHY, ION EXCHANGE; CHROMATOGRAPHY, PAPER; DRUG STABILITY; GLUCOSE; GLUCOSYLTRANSFERASES (isolation & purification, metabolism); GLYCOCEN; GLYCOCEN PHOSPHORYLASE; GLYCOCEN SYNTHETASE; HEAT; HYDROGEN-ION CONCENTRATION; KINETICS; MUSCLES (enzymology); NUCLEOSIDE DIPHOSPHATE SUGARS; OLIGOSACCHARIDES (analysis); PLANTS (enzymology); RABBITS; SPECTROPHOTOMETRY, ULTRAVIOLET; TIME FACTORS.

HAWKINS A

2,3-CYCLOC AMP 3-PHOSPHOHYDROLASE ACTIVITY DURING WALLERIAN DEGENERATION. MEZEI C, MEZEI M, HAWKINS A *J NEUROCHEM* 22: 457-8, MAR 74 *ENG*

HAYLES AB

INSULIN RESISTANCE, SKIN CHANGES, AND VIRILIZATION: A RECESSIVELY INHERITED SYNDROME POSSIBLY DUE TO PINEAL GLAND DYSFUNCTION. BARNES ND, PALUMBO PJ, HAYLES AB, FOLGAR H *DIABETOLOGIA* 10: 285-9, AUG 74 ENG

HAZELWOOD RL

SHORT-TERM EFFECTS OF OESTRADIOL BENZOATE IN NORMAL, HYPOPHYSECTOMIZED AND ALLOXAN-DIABETIC MALE RATS. GOODMAN MN, HAZELWOOD RL *J ENDOCRINOL* 62: 439-49, SEP 74 ENG

HEALY MJ

THE FREQUENCY DISTRIBUTIONS OF COMMONLY DETERMINED BLOOD CONSTITUENTS IN HEALTHY BLOOD DONORS. FLYNN FV, PIPER KA, GARCIA-WEBB P, MCPHERSON K, HEALY MJ *CLIN CHIM ACTA* 52: 163-71, APR 74 ENG

HEARD G

LETTER: DIABETIC AUTONOMIC NEUROPATHY. HEARD G *BR MED J* 3: 470, 17 AUG 74 ENG

AUTONOMIC NERVOUS SYSTEM (physiopathology); DIABETIC NEUROPATHIES (diagnosis); ELECTROCARDIOGRAPHY; GALVANIC SKIN RESPONSE; HUMAN; SYMPATHECTOMY.

HEIKKILA RE

PREVENTION OF ALLOXAN-INDUCED DIABETES BY ETHANOL ADMINISTRATION. HEIKKILA RE, BARDEN H, COHEN G *J PHARMACOL EXP THER* 190: 501-6, SEP 74 ENG

ALCOHOL, ETHYL (therapeutic use, administration & dosage); ALLOXAN DIABETES (prevention & control, pathology, metabolism, blood); ANIMAL EXPERIMENTS; BLOOD SUGAR (analysis); CATALASE (blood); ERYTHROCYTES (enzymology); HYDROGEN PEROXIDE (blood, metabolism); INJECTIONS, INTRAPERITONEAL; MALE; MICE; PANCREAS (metabolism, pathology); STARVATION; TIME FACTORS.

HEINRICH R

A LINEAR STEADY-STATE TREATMENT OF ENZYMIC CHAINS. A MATHEMATICAL MODEL OF GLYCOLYSIS OF HUMAN ERYTHROCYTES. RAPOPORT TA, HEINRICH R, JACOBASCH G, RAPOPORT S *EUR J BIOCHEM* 42: 107-20, 15 FEB 74 ENG

A LINEAR STEADY-STATE TREATMENT OF ENZYMIC CHAINS. GENERAL PROPERTIES, CONTROL AND EFFECTOR STRENGTH. HEINRICH R, RAPOPORT TA *EUR J BIOCHEM* 42: 89-95, 15 FEB 74 ENG

ALLOSTERIC REGULATION; BINDING, COMPETITIVE; COMPUTERS, DIGITAL; ENZYMES; HOMEOSTASIS; KINETICS; MATHEMATICS; MODELS, BIOLOGICAL; THERMODYNAMICS; TIME FACTORS.

HEINZ F

[CHANGES IN ENZYME PATTERNS UNDER PHYSIOLOGICAL AND PATHOLOGICAL CONDITIONS] HEINZ F *CURR PROBL CLIN BIOCHEM* 1: 53-92, 1968 GER [146]

AMINO ACIDS (metabolism); BIODEGRADATION; CARBOHYDRATE METABOLISM, INBORN ERRORS (enzymology); ENZYMES (biosynthesis, metabolism); FRUCTOSE; GENETICS, BIOCHEMICAL; GLUCOSEPHOSPHATASE DEFICIENCY (enzymology); GLYCOGENOSIS (enzymology); HORMONES (physiology); HUMAN; MUTATION; PROTEINS (metabolism); REVIEW; TRANSCRIPTION, GENETIC; TRANSLATION, GENETIC.

THE ENZYMES OF CARBOHYDRATE DEGRADATION. HEINZ F *PROG BIOCHEM PHARMACOL* 8: 1-36, 1973 ENG

ALCOHOL OXIDOREDUCTASES (metabolism); ALDEHYDE-LYASES (metabolism); ALDEHYDE OXIDOREDUCTASES (metabolism); CARBOHYDRATE ISOMERASES (metabolism); CARBOHYDRATES (metabolism); FRUCTOSE (metabolism); GALACTOSE (metabolism); GLUCOKINASE (metabolism); GLUCOSE (metabolism); GLYCEROLPHOSPHATE DEHYDROGENASE (metabolism); HEXOKINASE (metabolism); NUCLEOTIDYLTRANSFERASES (metabolism); OXIDOREDUCTASES (metabolism); PHOSPHOFRUCTOKINASE (metabolism); PYRUVATE KINASE (metabolism); SORBITOL (metabolism); XYLITOL (metabolism).

HELLER H

[CURRENT RESULTS OF THE SEARCH FOR ADDITIONAL ETIOLOGICAL COMPLEXES OF DIABETES MELLITUS AND THEIR SIGNIFICANCE FOR THE REHABILITATION OF PATIENTS WITH DIABETES] HELLER H *Z GESAMTE HYG* 20: 368-70, JUN 74 GER

DIABETES MELLITUS (etiology, rehabilitation); ENGLISH ABSTRACT; HUMAN.

HELLERSTROM C

INTRACELLULAR TRANSPORT AND STORAGE OF NEWLY SYNTHESIZED PROTEINS IN THE GUINEA PIG PANCREATIC A CELL. HOWELL SL, HELLERSTROM C, TYHURST M *HORM METAB RES* 6: 267-71, JUL 74 ENG

HELLMAN B

[CHANGES IN THE INSULIN SECRETION OF ISOLATED LANGERHANS ISLANDS INDUCED BY TREATMENT WITH NEURAMINIDASE] HAHN HJ, HELLMAN B, LERNMARK A, TALJEDAL IB *ACTA BIOL MED GER* 32: 375-83, 1974 GER

HELLMAN L

EFFECTS OF A PROLONGED 3-HOUR SLEEP-WAKE CYCLE ON SLEEP STAGES, PLASMA CORTISOL, GROWTH HORMONE AND BODY TEMPERATURE IN MAN. WEITZMAN ED, NOGUEIRA C, PERLOW M, FUKUSHIMA D, SASSIN J, MCGREGOR P, HELLMAN L *J CLIN ENDOCRINOL METAB* 38: 1018-30, JUN 74 ENG

HELMREICH EJ

UNCOUPLING OF CATECHOLAMINE ACTIVATION OF PIGEON ERYTHROCYTE MEMBRANE ADENYLATE CYCLASE BY FILIPIN. PUCHWEIN G, PFEUFFER T, HELMREICH EJ *J CLIN INVEST* 53: 3232-40, JUN 74 ENG

HELMS U

[EFFECT OF INTERMITTENT GLUCAGON DOSES ON BLOOD CIRCULATION IN THE EARLY POSTOPERATIVE PHASE AFTER HEART SURGERY] HEMPELMANN G, ARDALAN H, PIEPENBROCK S, HELMS U, WESTERMANN C *Z KARDIOL* 63: 511-20, JUN 74 GER

HEMPELMANN G

[EFFECT OF INTERMITTENT GLUCAGON DOSES ON BLOOD CIRCULATION IN THE EARLY POSTOPERATIVE PHASE AFTER HEART SURGERY] HEMPELMANN G, ARDALAN H, PIEPENBROCK S, HELMS U, WESTERMANN C *Z KARDIOL* 63: 511-20, JUN 74 GER

ADULT; BLOOD COAGULATION (drug effects); BLOOD PRESSURE (drug effects); CARDIAC OUTPUT (drug effects); CARDIAC VOLUME (drug effects); ENGLISH ABSTRACT; FEMALE; GLUCAGON (administration &

dosage, pharmacodynamics); HEART DISEASES (surgery); HEART RATE (drug effects); HEART (physiopathology); HUMAN; MALE; MIDDLE AGE; POSTOPERATIVE COMPLICATIONS (physiopathology); TIME FACTORS.

HEMS DA

LIPOPROTEIN LIPASE ACTIVITIES IN TISSUES OF NORMAL AND GENETICALLY OBESE (OB-OB) MICE. RATH EA, HEMS DA, BELOFF-CHAIN A *DIABETOLOGIA* 10: 261-5, AUG 74 ENG

HENDERSON BE

AN EPIDEMIOLOGIC STUDY OF BREAST CANCER. HENDERSON BE, POWELL D, ROSARIO I, KEYS C, HANISCH R, YOUNG M, CASAGRANDE J, GERKINS V, PIKE MC *J NATL CANCER INST* 53: 609-14, SEP 74 ENG

ADULT; AGE FACTORS; BREAST FEEDING; BREAST NEOPLASMS (transmission, familial & genetic); CALIFORNIA; DELIVERY; DIABETES MELLITUS (complications); FEMALE; HORMONES (adverse effects); HUMAN; HYSTERECTOMY; LACTATION; MAMMARY CANCER VIRUS; MENARCHE; MENOPAUSE; MIDDLE AGE; MILK, HUMAN (microbiology); PREGNANCY; RETROSPECTIVE STUDIES.

HENDRIKX ME

LETTER: THERAPEUTIC STARVATION. SIEVERS ML, HENDRIKX ME *BR MED J* 3: 524-5, 24 AUG 74 ENG

HENKIND P

RETINAL NEOVASCULARIZATION, COLATERALS, AND VASCULAR SHUNTS. HENKIND P, WISE GN *BR J OPHTHALMOL* 58: 413-22, APR 74 ENG

ANEMIA, SICKLE CELL (pathology); ARTERIAL OCCLUSIVE DISEASES (pathology); ARTERIOVENOUS FISTULA (pathology); ARTERIOVENOUS MALFORMATIONS (pathology); COLLATERAL CIRCULATION; DIABETIC RETINOPATHY (pathology); FLUORESCENCE ANGIOGRAPHY; HUMAN; LIGHT COAGULATION; OPHTHALMOSCOPY; OXYGEN CONSUMPTION; RETINAL DISEASES (diagnosis); RETINAL HEMORRHAGE (prevention & control); RETINAL VESSELS; VASCULAR DISEASES (diagnosis).

HENLEY WL

HUMAN CELLULAR IMMUNITY TO LENS LEUKOCYTE MIGRATION INHIBITION BY LENS PROTEIN. HENLEY WL, OKAS S, LEOPOLD IH *ARCH INTERN MED* 134: 684-8, OCT 74 ENG

AGED; CATARACT EXTRACTION; CATARACT (immunology); CELL MIGRATION INHIBITION; CRYSTALLINS (immunology); DIABETIC RETINOPATHY (immunology); EYE DISEASES (immunology); FEMALE; GLAUCOMA (immunology, surgery); HUMAN; IMMUNITY, CELLULAR; LEUKOCYTES (immunology); MALE; MIDDLE AGE; TIME FACTORS; UVEITIS (immunology).

HENNEMANN HH

[ACTIVE TUBERCULOSIS IN A MEDICAL CLINIC (AUTHORS TRANSL)] RANFT K, HENNEMANN HH, KROKER K *DTSCHE MED WOCHENSCHR* 99: 1715-9, 30 AUG 74 GER

HENNING HV

[METABOLIC EFFECT OF VITAMIN D3 HORMONES: IN VITRO EFFECT OF 25-HYDROXYCHOLECALCIFEROL ON RAT KIDNEY CORTEX GLUCONEOGENESIS FROM PYRUVATE] HENNING HV, GLOTH R, SCHELER F *VERH DTSCHE GES INN MED* 79: 678-81, 1973 GER

ANIMAL EXPERIMENTS; GLUCONEOGENESIS (drug effects); HYDROXYCHOLECALCIFEROL (pharmacodynamics); KIDNEY COR-

HENQUIN JC

TEX (metabolism, drug effects); PYRUVATES (metabolism); RATS.

HENQUIN JC

CATIONIC ENVIRONMENT AND DYNAMICS OF INSULIN SECRETION. I. EFFECT OF LOW CONCENTRATIONS OF SODIUM. LAMBERT AE, HENQUIN JC, MALVAUX P *ENDOCRINOLOGY* 95: 1069-77, OCT 74 ENG

HERBST M

EFFECT OF BODY WEIGHT CHANGES ON PLASMA LIPIDS IN PATIENTS WITH PRIMARY HYPERLIPOPROTEINEMIA. LISCH HJ, BOLZANO K, HERBST M, SAILER S, SANDHOFFER F, BRAUNSTEINER H *ATHEROSCLEROSIS* 19: 477-84, MAY-JUN 74 ENG

HERMAN RH

PERMISSIVE EFFECT OF TESTOSTERONE ON DIETARY ADAPTATION OF JEJUNAL PYRUVATE KINASE IN HYPOGONADAL MALES. LUFKIN EG, STIFEL FB, TEPICK RS, HERMAN RH *J CLIN ENDOCRINOL METAB* 38: 1130-3, JUN 74 ENG

HERTELENDY F

STUDIES ON GROWTH HORMONE SECRETION. VI. EFFECTS OF DIBUTYRYL CYCLIC AMP, PROSTAGLANDIN E₁, AND INDOMETHACIN ON GROWTH AND HORMONE SECRETION BY RAT PITUITARY TUMOR CELLS IN CULTURE. HERTELENDY F, KEAY L *PROSTAGLANDINS* 6: 217-25, 10 MAY 74 ENG

ADENOSINE CYCLIC 3,5 MONOPHOSPHATE (biosynthesis); ANIMAL EXPERIMENTS; CELL DIVISION (drug effects); CELL LINE; CELL SURVIVAL (drug effects); CELLS, CULTURED; DEPRESSION, CHEMICAL; DIBUTYRYL CYCLIC AMP (administration & dosage, metabolism, pharmacodynamics); DOSE-RESPONSE RELATIONSHIP, DRUG; INDOMETHACIN (pharmacodynamics); IODINE RADIOISOTOPES; PITUITARY NEOPLASMS (metabolism); PROSTAGLANDINS (pharmacodynamics); RADIOIMMUNOASSAY; RATS; SOMATOTROPIN (metabolism); STIMULATION, CHEMICAL; TIME FACTORS; TRYPSIN (pharmacodynamics).

HESS B

MECHANISM OF RENATURATION OF PYRUVATE KINASE OF SACCHAROMYCES CARLSBERGENSIS: ACTIVATION BY L-VALINE AND MAGNESIUM AND MANGANESE IONS. BORNHANN L, HESS B, ZIMMERMANN-TELSCHOW H *PROC NATL ACAD SCI USA* 71: 1525-9, APR 74 ENG

HICKS WM

LETTER: COMMENT ON PREVENTION OF DIABETIC ATHEROSCLEROSIS. HICKS WM *PEDIATRICS* 54: 522, OCT 74 ENG

ARTERIOSCLEROSIS (prevention & control); ATHEROSCLEROSIS (prevention & control); BONE AND BONES (enzymology); CALCINOSIS (prevention & control); DIABETIC ANGIOPATHIES (prevention & control); HUMAN; PYROPHOSPHATASES (metabolism).

HINCUN N

[CHANGES OF SERUM MAGNESIUM IN DIABETES MELLITUS] GLIGORE V, BOERIU IN, HINCUN N, SOPON E, CAPRIOARA MED INTERNA (BUCUR) 26: 745-52, JUN 74 RUM

HINKLE PC

ENERGY COUPLING IN CYTOCHROME OXIDASE. HINKLE PC *ANN NY ACAD SCI* 227: 159-65, 18 FEB 74 ENG

ANIMAL EXPERIMENTS; ANTIBIOTICS (pharmacodynamics); BIOLOGICAL TRANSPORT; CARBOXYLIC ACIDS

(pharmacodynamics); CYANIDES (pharmacodynamics); CYTOCHROME OXIDASE (metabolism); ELECTRON TRANSPORT; ENERGY TRANSFER; HYDROGEN-ION CONCENTRATION; MEMBRANE POTENTIALS; MEMBRANES (enzymology); MITOCHONDRIA (drug effects, enzymology); MITOCHONDRIA, LIVER (metabolism); MODELS, BIOLOGICAL; OXIDATION-REDUCTION; OXIDATIVE PHOSPHORYLATION; OXYGEN CONSUMPTION (drug effects); PHENYLHYDRAZINE (pharmacodynamics); RATS; SURFACE-ACTIVE AGENTS (pharmacodynamics); VALINOMYCIN (pharmacodynamics).

HOEFIG W

[SYSTEMATIC LABORATORY STUDIES IN PATIENTS WITH PERIODONTAL DISEASES] HARNDT R, SCHLUMS D, HOEFIG W *DTSCH ZAHNÄRZTL Z* 99: 260-5, FEB 73 GER

HOFFER HW

INTERACTION OF PHOSPHOFRUCTOKINASE WITH THE FLUORESCENT PROBE-2-(N-METHYLANILINO)NAPHTHALENE-6-SULPHONATE. HOFFER HW, RADDA GK *EUR J BIOCHEM* 42: 341-7, 1 MAR 74 ENG

ADENOSINE TRIPHOSPHATE; ANILINO NAPHTHALENESULFONATES; ANIMAL EXPERIMENTS; BINDING SITES; FLUORESCENCE; FRUCTOSEPHOSPHATES; HYDROGEN-ION CONCENTRATION; KINETICS; MATHEMATICS; MOLECULAR WEIGHT; MUSCLES (enzymology); PHOSPHOFRUCTOKINASE (antagonists & inhibitors); PROTEIN BINDING; PROTEIN CONFORMATION; RABBITS; SPECTROMETRY, FLUORESCENCE; UREA.

HOFFER PA

A CLINICAL AND HISTOPATHOLOGICAL STUDY OF TWENTY-SEVEN CASES OF URBACH-WIETHE DISEASE. DERMATOLOGIC, GASTROENTEROLOGIC, NEUROPHYSIOLOGIC, OPHTHALMOLOGIC AND ROENTGENDIAGNOSTIC ASPECTS, AS WELL AS THE RESULTS OF SOME CLINICO-CHEMICAL AND HISTOCHEMICAL EXAMINATIONS. HOFFER PA, LARSSON PA, GOLLER H, LAURELL H, LORENTZON R *ACTA PATHOL MICROBIOL SCAND* [A] 0: 1-87, 1974 ENG

ADOLESCENCE; ADULT; AGED; CAPILLARIES (pathology); CAPILLARY FRAGILITY; CICATRIX; DIABETES MELLITUS (familial & genetic); EYELID DISEASES (pathology); FEMALE; HUMAN; LIPIDS (metabolism); LIPOIDOSIS (pathology, diagnosis, blood, familial & genetic); MALE; MIDDLE AGE; RECTUM (pathology); RESPIRATORY TRACT DISEASES (pathology, diagnosis, blood); SKIN (pathology, blood supply); STAINS AND STAINING; SYNDROME.

HOGAN B

EFFECT OF CYCLIC NUCLEOTIDES ON THE INDUCTION OF ORNITHINE DECARBOXYLASE IN BHK CELLS BY SERUM AND INSULIN. HOGAN B, SHIELDS R, CURTIS D *CELL* 2: 229-33, AUG 74 ENG

AUTORADIOGRAPHY; BLOOD PROTEINS (pharmacodynamics); CARBOXY-LYASES (biosynthesis); CELL LINE; DACTINOMYCIN (pharmacodynamics); DIBUTYRYL CYCLIC AMP (pharmacodynamics); DNA (biosynthesis); ENZYME INDUCTION (drug effects); FIBROBLASTS; GUANOSINE CYCLIC 3,5 MONOPHOSPHATE (pharmacodynamics); HAMSTERS; INSULIN (pharmacodynamics); KIDNEY; MICE; NUCLEOTIDES, CYCLIC (pharmacodynamics); ORNITHINE; PROSTAGLANDINS (pharmacodynamics); STIMULATION, CHEMICAL; THEOPHYLLINE (pharmacodynamics); THYMIDINE (metabolism); TIME FACTORS; TRITIUM.

HOGG RW

A COMPARISON OF THE L-ARABINOSE- AND D-GALACTOSE-BINDING PROTEINS OF ESCHERICHIA COLI B-R. PARSONS RG, HOGG RW *J BIOL CHEM* 249: 3608-14, 10 JUN 74 ENG

HOKFELT B

THE EFFECT OF THYROTROPIN RELEASING HORMONE ON THE RELEASE OF THYROTROPIN AND OTHER PITUITARY HORMONES IN MAN UNDER BASAL CONDITIONS AND FOLLOWING ADRENERGIC BLOCKING AGENTS. NILSSON KO, THORELL JI, HOKFELT B *ACTA ENDOCRINOL (KBH)* 76: 24-34, MAY 74 ENG

HOLDEN JM

DIETS HIGH IN GLUCOSE OR SUCROSE AND YOUNG WOMEN. KELSAY JL, BEHALL KM, HOLDEN JM, PRATHER ES *AM J CLIN NUTR* 27: 926-36, SEP 74 ENG

HOLKE M

THE CYCLIC AMP-MEDIATED ACTION OF EPINEPHRINE ON THE ACTIVITY OF CARBONIC ANHYDRASE IN AVIAN ERYTHROCYTES. SIEGMUND P, TULLMANN A, HOLKE M *HORM METAB RES* 6: 158-61, MAR 74 ENG

HOLLOSZY JO

THE ACTIONS OF INSULIN, TRYPSIN, AND ELECTRICAL STIMULATION ON AMINO ACID TRANSPORT IN MUSCLE. NARAHARA HT, HOLLOSZY JO *ARCH GEN PSYCHIATRY* 31: 5435-43, SEP 74 ENG

HOLLOWS FC

SORBITOL METABOLISM IN THE RETINA: ACCUMULATION OF PATHWAY INTERMEDIATES IN STREPTOZOTOCIN INDUCED DIABETES IN THE RAT. HUTTON JC, SCHOFIELD PJ, WILLIAMS JF, HOLLOWS FC *AUST J EXP BIOL MED SCI* 52: 361-73, APR 74 ENG

HOLLOMAN M

[MECHANISM OF DEVELOPMENT OF HYPERGLYCEMIA DURING EXTRACORPOREAL CIRCULATION] BARTA E, SISK K, TREGER J, KUZELA L, HORECKY J, HOLLOMAN M *ROZHL CHIR* 53: 601-6, SEP 74 SLO

HOLT PR

MONOGLYCERIDE MODIFICATION OF JEJUNAL ABSORPTION OF FATTY ACID IN THE RAT. MARUBBIO AT JR, MORRIS JA JR, CLARK SB, HOLT PR *J LIPID RES* 15: 165-72, MAR 74 ENG

HOMMEL H

[EFFECT OF HEPARIN ON THE PANCREATIC FUNCTION OF THE DOG] NOWAK W, SILL U, LIPPERT H, HOMMEL H, FISCHER U *Z GESAMTE INN MED* 29: 250-2, 15 MAR 74 GER

HONG FT

INTERFACIAL PHOTOREACTIONS AND CHEMICAL CAPACITANCE IN LIPID BILAYERS. HONG FT, MAUZERALL D *PROC NATL ACAD SCI USA* 71: 1564-8, APR 74 ENG

CELL MEMBRANE; CHLOROPLASTS; ELECTROCHEMISTRY; ELECTRON TRANSPORT; LASERS; LIPIDS; MAGNESIUM; MEMBRANES, ARTIFICIAL; MODELS, BIOLOGICAL; OXIDATION-REDUCTION; PHOTIC STIMULATION; PHOTOCHEMISTRY; PHOTOSYNTHESIS; PORPHYRINS; SURFACE PROPERTIES.

HONIGMANN G

THE FATTY ACID COMPOSITION OF THE TRIGLYCERIDES IN LIVER AND SUBCUTANEOUS FAT IN DIABETICS IN DEPENDENCE ON LIVER FATTY DEGENERATION. SINGER P, GNAUCK G, HONIGMANN G *ACTA MED POL* 15: 27-37, 1974 ENG

HOPE WC

CYCLIC AMP REGULATION OF PROSTAGLANDIN BIOSYNTHESIS IN FAT CELLS. DALTON C, HOPE WC *PROSTAGLANDINS* 6: 227-242, 10 MAY 74 ENG

HOPE-GILL H

THE ROLE OF CALCIUM IN INSULIN ACTION. I. PURIFICATION AND PROPERTIES OF ENZYMES REGULATING LIPOLYSIS IN HUMAN ADIPOSE TISSUE: EFFECTS OF CYCLIC-AMP AND CALCIUM IONS. KISSEBAH AH, VYDELINGUM N, TULLOCH BR, HOPE-GILL H, FRASER TR *HORM METAB RES* 6: 247-55, JUL 74 ENG

HOPPE H

ACID DISSOCIATION AND COMPLEX FORMATION OF GLYCOLYTIC METABOLITES WITH MAGNESIUM, POTASSIUM AND SODIUM. DETERMINATION OF ACIDITY AND STABILITY CONSTANTS BY PH TITRATION. ACHILLES W, CUMME GA, HOPPE H *ACTA BIOL MED GER* 31: 763-70, 1973 ENG

HORECKY J

[MECHANISM OF DEVELOPMENT OF HYPERGLYCEMIA DURING EXTRACORPOREAL CIRCULATION] BARTA E, SISKAK K, TREGER J, KUZELA L, HORECKY J, HOLOMAN M *ROZHL CHIR* 53: 601-6, SEP 74 SLO

HORIE K

[METABOLISM OF ADIPOSE TISSUE. I. RELATIONSHIP BETWEEN THE SIZE OF FAT CELLS, WEIGHT INDEX AND PATIENTS AGE] ISHIKAWA T, HORIE K, AIZAWA T, NAKAMURA H, GOTO Y *JAP J GERIATR* 10: 321-6, NOV 73 JAP

HOSZOWSKI K

EFFECT OF GLUCAGON ON BLOOD ELECTROLYTES AND GLUCOSE LEVELS IN MAN. KOBIELSKI J, CZERNIAKOWSKA K, SOKOT-KOBIELSKA E, HOSZOWSKI K *ANAESTH RESUSC INTENSIVE THER* 1: 195-201, JUL-SEP 73 ENG

HOUGHTON RL

STRUCTURAL AND CHEMICAL ASPECTS OF THE INHIBITORS OF MITOCHONDRIAL ATP SYNTHESIS. BEECHY RB, LINDOP CR, BROUGHTON JM, GRIFFITHS DE, HOUGHTON RL *ANN NY ACAD SCI* 227: 542-8, 18 FEB 74 ENG

HOUPERT Y

[PROTEIN RELEASE FROM HUMAN LEUCOCYTES. INFLUENCE OF MEDIUM AND TIME OF INCUBATION (AUTHORS TRANSL)] HOUPERT Y, LAHRICH M, SAVIGNY P, SIEST G *CLIN CHIM ACTA* 52: 143-51, APR 74 FRE

ADENOSINE TRIPHOSPHATE (metabolism); ASCORBIC ACID (pharmacodynamics); BLOOD PROTEINS (metabolism); BLOOD SUGAR (metabolism); CULTURE MEDIA; ENGLISH ABSTRACT; GLUCOSE (pharmacodynamics); HEAT; HEXOKINASE; LACTATES (metabolism); LEUKOCYTES (drug effects, metabolism); OXYGEN CONSUMPTION; POLYVINYLPYRROLIDONE; PYRUVATES (metabolism); TIME FACTORS.

HOVI T

GROWTH CONTROL IN CHICK EMBRYO FIBROBLASTS; NO EVIDENCE FOR A SPECIFIC ROLE FOR CYCLIC PURINE NUCLEOTIDES. HOVI T, KESKI-OJA J, VAHERIA CELL 2: 235-40, AUG 74 ENG
ADENOSINE CYCLIC 3,5 MONOPHOSPHATE (metabolism); CELL DIVISION; CELL TRANSFORMATION, NEOPLASTIC; CHICK EMBRYO; CONTACT INHIBITION; DNA (biosynthesis); FIBROBLASTS (enzymology, metabolism); GUANOSINE CYCLIC 3,5 MONOPHOSPHATE (metabolism); INSULIN (pharmacodynamics); NEURAMINIDASE (pharmacodynamics); NUCLEOTIDES, CYCLIC; PHOSPHATES (metabolism); PHOSPHODIESTERASES (metabolism); PHOSPHOPROTEINS (biosynthesis); PHOSPHORUS RADIOISOTOPES; PROTEIN KINASE (metabolism); ROUS SARCOMA VIRUS; STIMULATION, CHEMICAL; THYMIDINE (metabolism); TISSUE CULTURE; TRITIUM.

HOWARD MA

CHARACTERIZATION OF THE PLASMA LIPOPROTEINS OF THE GENETICALLY OBESE HYPERLIPOPROTEINEMIC ZUCKER FATTY RAT. SCHONFELD G, FELSKI C, HOWARD MA *J LIPID RES* 15: 457-64, SEP 74 ENG

HOWELL SL

INTRACELLULAR TRANSPORT AND STORAGE OF NEWLY SYNTHESIZED PROTEINS IN THE GUINEA PIG PANCREATIC A CELL. HOWELL SL, HELLERSTROM C, TYHURST M *HORM METAB RES* 6: 267-71, JUL 74 ENG

ANIMAL EXPERIMENTS; AUTORADIOGRAPHY; BIOLOGICAL TRANSPORT; COMPARATIVE STUDY; ENDOPLASMIC RETICULUM (metabolism, ultrastructure); GOLGI APPARATUS (metabolism, ultrastructure); GUINEA PIGS; HISTOCYTOCHEMISTRY; ISLANDS OF LANGERHANS (metabolism, ultrastructure, cytology); ISOTOPE LABELING; KINETICS; LEUCINE (metabolism); MALE; MICROSCOPY, ELECTRON; ORGANIDS (ultrastructure, metabolism); PROTEINS (metabolism, biosynthesis); SPECIES SPECIFICITY; TIME FACTORS; TRANSLATION, GENETIC; TRITIUM; TRYPTOPHAN (metabolism).

HRUBESCH M

[PITUITARY GLAND-ADRENAL CORTEX REGULATION IN PATIENTS WITH CHRONIC KIDNEY FAILURE DURING LONGTIME HEMODIALYSIS] HRUBESCH M, WAGNER H, WENNING N, ADAMS M, STURMER H, BOCKEL K, GROTHE G, LOEW H, WESSELS F, HAUS WH *VERH DTSCH GES INN MED* 79: 731-4, 1973 GER

ADRENAL GLANDS (physiopathology); ADULT; BLOOD SUGAR (analysis); CORTICOTROPIN (blood); HEMODIALYSIS; HUMAN; HYDROCORTISONE (blood); KIDNEY FAILURE, CHRONIC (physiopathology); MIDDLE AGE; PITUITARY GLAND (physiopathology).

HULLAR TL

INTERACTION OF MUSCLE GLYCOGEN PHOSPHORYLASE WITH PYRIDOXAL 5-METHYLENPHOSPHONATE. VIDGOFF JM, POCKER A, HULLAR TL, FISCHER EH *BIOCHEM BIOPHYS RES COMMUN* 57: 1166-74, 23 APR 74 ENG

HULLIN RP

THE RELATIONSHIP OF EXERCISE RESPONSE TO PERSONALITY. STANAWAY RG, HULLIN RP *PSYCHOL MED* 3: 343-9, AUG 73 ENG

HULSMANS HA

TWENTY-FOUR-HOUR HYPOTHERMIC PRESERVATION PERFUSION AND STORAGE OF THE DUCT-LIGATED CANINE PANCREAS WITH TRANSPLANTATION. WESTBROEK DL, DE GRUYL J, DIJKHUIS CM, MCDICKEN I, DROP A, SCHOLTE A, HULSMANS HA *TRANSPLANT PROC* 6: 319-22, SEP 74 ENG

HULSTAERT PF

GLUCAGON: HEMODYNAMIC ACTION RELATED TO THE EFFECT ON K& AND NA& METABOLISM. HULSTAERT PF, BEIJER HJ, BROUWER FA, TEUNISSEN AJ, CHARBON GA *J APPL PHYSIOL* 37: 556-61, OCT 74 ENG
ANIMAL EXPERIMENTS; BLOOD FLOW VELOCITY; BLOOD PRESSURE (drug effects); BLOOD SUGAR (analysis); CELIAC ARTERY; DOGS; FEMALE; GASTROINTESTINAL SYSTEM (metabolism); GLUCAGON (pharmacodynamics); GLUCOSE (metabolism); HEART RATE (drug effects); HEMODYNAMICS (drug effects); HEPATIC VEINS; LIVER CIRCULATION (drug effects); LIVER (metabolism); MALE; MESENTERIC ARTERIES; PORTAL VEIN; POTASSIUM (metabolism, blood); REGIONAL BLOOD FLOW (drug effects); SODIUM (metabolism, blood); TIME FACTORS.

HUNTER DR

ENERGY COUPLING IN MITOCHONDRIA. KOMAI H, HUNTER DR, GREEN DE *ANN NY ACAD SCI* 227: 175-8, 18 FEB 74 ENG

HUNTER-CRAIG CJ

LIPID DEPOSITS IN AGEING HUMAN ARTERIES, TENDONS AND FASCIA. ADAMS CW, BAYLISS OB, BAKER RW, ABDULLA YH, HUNTER-CRAIG CJ *ATHEROSCLEROSIS* 19: 429-40, MAY-JUN 74 ENG

HUTCHINSON DL

GASTRIC GLUCOSE TOLERANCE IN THE THIRD-TRIMESTER MONKEY CONCEPTUS. CHEZ RA, MINTZ DH, HUTCHINSON DL *AM J OBSTET GYNECOL* 120: 553-4, 15 OCT 74 ENG

HUTTON JC

SORBITOL METABOLISM IN THE RETINA: ACCUMULATION OF PATHWAY INTERMEDIATES IN STREPTOZOTOCIN INDUCED DIABETES IN THE RAT. HUTTON JC, SCHOFIELD PJ, WILLIAMS JF, HOLLOWES FC *AUST J EXP BIOL MED SCI* 52: 361-73, APR 74 ENG

ANIMAL EXPERIMENTS; AQUEOUS HUMOR (analysis); BLOOD SUGAR; CHROMATOGRAPHY, GAS; DIABETES MELLITUS (metabolism, chemically induced, blood); FATTY ACIDS, NONESTERIFIED (blood); FRUCTOSE (analysis); GLUCOSE (analysis); INOSITOL (analysis); LENS, CRYSTALLINE (analysis); MALE; RATS; RETINA (metabolism, analysis); SORBITOL (metabolism, analysis); STREPTOZOTOCIN.

HUTTUNEN MO

METABOLIC STUDIES ON THE PATHOGENESIS OF HANGOVER. YLIKAHRI RH, HUTTUNEN MO, ERIKSSON CJ, NIKKILA EA *EUR J CLIN INVEST* 4: 93-100, APR 74 ENG

HYLDGAARD-JENSEN J

EXPERIMENTAL PORCINE NEPHROPATHY. CHANGES OF RENAL FUNCTION AND STRUCTURE INDUCED BY OCHRATOXIN A-CONTAMINATED FEED. KROGH P, AXELSEN NH, ELLING F, GYRD-HANSEN N, HALD B, HYLDGAARD-JENSEN J, LARSEN AE, MADSEN A, MORTENSEN HP, MOLLER T, PETERSEN OK, RAVNSKOV U, ROSTGAARD M, AALUND O *ACTA PATHOL MICROBIOL SCAND* [A] 0: 1-21, 1974 ENG

IAROSHEVSKII IUA

IAROSHEVSKII IUA

[TREATMENT OF DIABETES INSIPIDUS WITH CHLORPROPAMIDE] IAROSHEVSKII IUA *SOV MED O: 140-1, SEP 74 RUS*
CHLORPROPAMIDE (therapeutic use); DIABETES INSIPIDUS (drug therapy); DRUG EVALUATION; FEMALE; HUMAN.

ICHII S

PHOSPHORYLATION IN VITRO OF ADRENAL SUBCELLULAR PROTEINS BY ADENOSINE-3,5-MONOPHOSPHATE-DEPENDENT PROTEIN KINASE: EFFECT OF ACTH IN VIVO. ICHII S, MURAKAMI N, IKEDA A *ACTA ENDOCRINOL (KBH) 75: 325-32, FEB 74 ENG*

ADENOSINE CYCLIC 3,5 MONOPHOSPHATE (metabolism); ADRENAL GLANDS (analysis); ANIMAL EXPERIMENTS; CATTLE; CORTICOTROPIN (pharmacodynamics); CYTOSOL (drug effects); HISTONES (metabolism); LIVER (analysis); MALE; MICROSOMES (drug effects); MITOCHONDRIA (drug effects); OXIDATIVE PHOSPHORYLATION (drug effects); PHOSPHOPROTEINS (metabolism); PHOSPHORUS RADIOISOTOPES; PRECIPITATION; PROTEIN KINASE (isolation & purification, pharmacodynamics); RATS.

IJU M

INFLUENCE OF DIET ON INTESTINAL CELL DNA SYNTHESIS IN THE DIABETIC RAT. NAKAYAMA H, IJU M, NAKAGAWA S *DIABETES 23: 793-5, SEP 74 ENG*

IKEDA A

PHOSPHORYLATION IN VITRO OF ADRENAL SUBCELLULAR PROTEINS BY ADENOSINE-3,5-MONOPHOSPHATE-DEPENDENT PROTEIN KINASE: EFFECT OF ACTH IN VIVO. ICHII S, MURAKAMI N, IKEDA A *ACTA ENDOCRINOL (KBH) 75: 325-32, FEB 74 ENG*

IKEGAMI T

[STUDIES ON THE ORGAN CULTURE OF RAT PANCREAS. II. ISOLATED PANCREATIC ISLETS IN ORGAN CULTURE (AUTHORS TRANSL.)] IKEGAMI T *FUKUOKA ACTA MED 65: 259-65, MAY 74 JPN*
ANIMAL EXPERIMENTS; ENGLISH ABSTRACT; ISLANDS OF LANGERHANS; ORGAN CULTURE; RATS.

IMAWARI M

SYNDROME OF PLASMA CELL DYSCRASIA, POLYNEUROPATHY, AND ENDOCRINE DISTURBANCES. REPORT OF A CASE. IMAWARI M, AKATSUKA N, ISHIBASHI M, BEPPU H, SUZUKI H *ANN INTERN MED 81: 490-3, OCT 74 ENG*

ADULT; BLOOD PROTEIN ELECTROPHORESIS; DIABETES MELLITUS (complications); EDEMA (complications); ELECTROPHORESIS, POLYACRYLAMIDE GEL; ENDOCRINE DISEASES (immunology, complications, metabolism); FEVER (complications); GLUCOSE TOLERANCE TEST; GYNECOMASTIA (complications); HIRSUTISM (complications); HORMONES (urine, blood); HUMAN; HYPOTHYROIDISM (complications); IGM; IMMUNOELECTROPHORESIS; IMPOTENCE (complications); LYMPHATIC DISEASES (complications, pathology); MALE; NERVOUS SYSTEM DISEASES (immunology, complications, metabolism); PIGMENTATION DISORDERS (complications); PLASMA CELLS (pathology, immunology); SKIN (pathology); SWEATING; SYNDROME.

IMMER HU

SYNTHESIS OF SOMATOSTATIN. IMMER HU, SESTANJ K, NELSON VR, GOTZ M *HELV CHIM ACTA 57: 730-4, 27 APR 74 ENG*

AMINO ACID SEQUENCE; METHODS; OPTICAL ROTATION; PEPTIDES; SOMATOTROPIN RELEASING HORMONE (antagonists & inhibitors); SPECTROPHOTOMETRY, ULTRAVIOLET.

INCE BW

EFFECTS OF INSULIN AND OF METABOLITE LOADING ON BLOOD METABOLITES IN THE EUROPEAN SILVER EEL, (*ANGUILLA ANGUILLA* L.). INCE BW, THORPE A *GEN COMP ENDOCRINOL 23: 460-71, AUG 74 ENG*

AMINO ACIDS (blood, pharmacodynamics); ANGUILLA (physiology); ANIMAL EXPERIMENTS; BLOOD SUGAR (metabolism); CHOLESTEROL (blood, pharmacodynamics); FISHES; GLUCOSE (pharmacodynamics); INSULIN (pharmacodynamics); NITROGEN; TIME FACTORS.

INGEBRETSEN C

EFFECT OF GLUCAGON, DIBUTYRYL ADENOSINE 3,5-CYCLIC MONOPHOSPHATE AND PHOSPHODIESTERASE INHIBITORS ON RAT LIVER PHOSPHORYLASE ACTIVITY AND ADENOSINE 3,5-CYCLIC MONOPHOSPHATE LEVELS. INGEBRETSEN C, CLARK JF, ALLEN DO, ASHMORE J *BIOCHEM PHARMACOL 23: 2139-46, AUG 74 ENG*

ADENOSINE CYCLIC 3,5 MONOPHOSPHATE (metabolism); ANIMAL EXPERIMENTS; CARBOXYLIC ACIDS (pharmacodynamics); DIBUTYRYL CYCLIC AMP (pharmacodynamics); GLUCAGON (pharmacodynamics); GLYCOGEN PHOSPHORYLASE (antagonists & inhibitors, metabolism); HYDRAZINES (pharmacodynamics); IN VITRO; KINETICS; LIVER (metabolism, enzymology); MALE; PAPAVERINE (pharmacodynamics); PHOSPHODIESTERASES (metabolism, antagonists & inhibitors); PYRAZOLES (pharmacodynamics); PYRIDINES (pharmacodynamics); RATS; THEOPHYLLINE (pharmacodynamics); TIME FACTORS.

INGLIS AS

ANALYSIS FOR AMIDE NITROGEN IN PROTEINS. INGLIS AS, ROXBURGH CM, TAKAYANAGI H *ANAL BIOCHEM 61: 25-31, SEP 74 ENG*

AMIDES (analysis); AMMONIA; ANIMAL EXPERIMENTS; AUTOANALYSIS; CATTLE; CHEMISTRY, PHARMACEUTICAL; CHROMATOGRAPHY, ION EXCHANGE; COMPARATIVE STUDY; CYTOCHROMES; EVALUATION STUDIES; FIBROIN (analysis); HORSES; INSULIN; METHODS; MICROCHEMISTRY; MURAMIDASE; MYOCARDIUM; NITROGEN (analysis); PROTEINS (analysis); SHEEP; SILKWORMS; SOLUBILITY; TEMPERATURE; TIME FACTORS; WOOL (analysis).

INNERFIELD I

THE DIPHASIC EFFECTS OF PROTEASES ON SERUM COMPLEMENT. INNERFIELD I *AGENTS ACTIONS 4: 160-2, AUG 74 ENG*
ADMINISTRATION, ORAL; AGED; ASPERGILLUS (enzymology); CHEEK; COMPLEMENT; DIABETES MELLITUS (blood); DOSE-RESPONSE RELATIONSHIP, DRUG; HUMAN; IN VITRO; PEPTIDE HYDROLASES (pharmacodynamics, blood, administration & dosage); STREPTOKINASE (blood, pharmacodynamics).

INOUE M

SIMULTANEOUS EVALUATION OF THE PITUITARY RESERVE OF GH, TSH, ACTH AND LH IN CHILDREN. SATO T, INOUE M, MASUYAMA T, SUZUKI Y, IZUMISAWA A *J CLIN ENDOCRINOL METAB 39: 595-9, SEP 74 ENG*

INSULL W JR

MORPHOLOGY OF CHOLESTERYL ESTER-RICH INCLUSIONS IN LESIONS OF ATHEROSCLEROSIS IN MAN. INSULL W JR, HATA Y, MEAKIN JD, MARCHANT L, ANDREWS CW, BUZEK B *ATHEROSCLEROSIS 19: 555-60, MAY-JUN 74 ENG*

ADOLESCENCE; ADULT; AGED; ARTERIES (metabolism); ARTERIOSCLEROSIS (metabolism, pathology); AUTOPSY; CHOLESTEROL (metabolism); ESTERS; FATTY STREAK, ARTERIAL (pathology); HUMAN; MICROSCOPY, ELECTRON, SCANNING; MIDDLE AGE.

ISHIBASHI M

SYNDROME OF PLASMA CELL DYSCRASIA, POLYNEUROPATHY, AND ENDOCRINE DISTURBANCES. REPORT OF A CASE. IMAWARI M, AKATSUKA N, ISHIBASHI M, BEPPU H, SUZUKI H *ANN INTERN MED 81: 490-3, OCT 74 ENG*

ISHIKAWA T

[METABOLISM OF ADIPOSE TISSUE. I. RELATIONSHIP BETWEEN THE SIZE OF FAT CELLS, WEIGHT INDEX AND PATIENTS AGE] ISHIKAWA T, HORIE K, AIZAWA T, NAKAMURA H, GOTO Y *JAP J GERIATR 10: 321-6, NOV 73 JAP*

ADIPOSE TISSUE (metabolism, cytology); ADULT; AGE FACTORS; AGED; BODY WEIGHT; ENGLISH ABSTRACT; FEMALE; HUMAN; MALE; MIDDLE AGE; OBESITY (pathology).

ISRAEL M

UTILIZATION OF ACETATE AND PYRUVATE FOR THE SYNTHESIS OF TOTAL, BOUND AND FREE ACETYLCHOLINE IN THE ELECTRIC ORGAN OF TORPEDO. ISRAEL M, TUCEK S *J NEUROCHEM 22: 487-91, APR 74 ENG*

ACETATES (metabolism); ACETYLCHOLINE (isolation & purification, biosynthesis); ANIMAL EXPERIMENTS; BENZENE DERIVATIVES; BORON COMPOUNDS; CARBON RADIOISOTOPES; CHOLINE (metabolism); CHROMATOGRAPHY, THIN LAYER; ELECTRIC ORGAN (metabolism); FISHES; GLUCOSE (metabolism); PYRUVATES (metabolism); SYNAPTIC VESICLES; TIME FACTORS.

ISSEKUTZ B JR

EFFECT OF INSULIN INFUSIONS ON THE GLUCOSE KINETICS IN ALLOXAN-STEP-TOZOTOCIN DIABETIC DOGS. ISSEKUTZ B JR, ISSEKUTZ TB, ELAHI D, BORKOW I *DIABETOLOGIA 10: 323-8, AUG 74 ENG*

ALLOXAN DIABETES (metabolism); ANIMAL EXPERIMENTS; BLOOD SUGAR (metabolism); CATHETERIZATION; DIABETES MELLITUS (metabolism, chemically induced); DOGS; GLUCOSE (metabolism); INFUSIONS, PARENTERAL; INSULIN (administration & dosage, blood); KINETICS; STREPTOZOTOCIN; TRITIUM.

ISSEKUTZ TB

EFFECT OF INSULIN INFUSIONS ON THE GLUCOSE KINETICS IN ALLOXAN-STEP-TOZOTOCIN DIABETIC DOGS. ISSEKUTZ B JR, ISSEKUTZ TB, ELAHI D, BORKOW I *DIABETOLOGIA 10: 323-8, AUG 74 ENG*

IVRY M

THE REACTIVE PHASE OF DIABETIC RETINOPATHY AND THE ROLE OF THE RETICULOENDOTHELIAL SYSTEM. MICHAELSON IC, YANKO L, BERSON D, IVRY M *AM J OPHTHALMOL 78: 400-10, SEP 74 ENG*

IYER KS

INFLUENCE OF METRONIDAZOLE AND CHLORAL HYDRATE ON THE ACTIVITY OF OTHER DRUGS. IYER KS, KUTTY AG *INDIAN J PHYSIOL PHARMACOL* 18: 49-52, JAN-MAR 74 ENG

ANIMAL EXPERIMENTS; BLOOD SUGAR; CHLORAL HYDRATE (pharmacodynamics); **CONVULSIONS** (drug therapy, physiopathology); **DIPHENYLHYDANTOIN** (therapeutic use); **DRUG SYNERGISM; MALE; METRONIDAZOLE** (pharmacodynamics, therapeutic use); **MUSCLE CONTRACTION** (drug effects); **RABBITS; RATS; TOLBUTAMIDE** (pharmacodynamics).

IZUMISAWA A

SIMULTANEOUS EVALUATION OF THE PITUITARY RESERVE OF GH, TSH, ACTH AND LH IN CHILDREN. SATO T, INOUE M, MASUYAMA T, SUZUKI Y, IZUMISAWA A *J CLIN ENDOCRINOL METAB* 39: 595-9, SEP 74 ENG

IZUMIYA N

ACTION OF TRYPSIN ON SYNTHETIC SUBSTRATES. HYDROLYSES OF SYNTHETIC INSULIN FRAGMENTS BY TRYPSIN. NISHINO N, MITSUYASU N, IZUMIYA N *J BIOCHEM (TOKYO)* 75: 979-85, MAY 74 ENG

JACKSON JG

[THE ROLE OF THE DIABETIC PATIENT IN DIABETES RESEARCH] JACKSON JG *JOURN ANNU DIABETOL HOTEL DIEU* 13: 261-5, 1972 FRE

ATTITUDE TO HEALTH; DIABETES MELLITUS; HUMAN; PHYSICIAN-PATIENT RELATIONS; PSYCHOLOGY; RESEARCH.

JACOBASCH G

A LINEAR STEADY-STATE TREATMENT OF ENZYMIC CHAINS. A MATHEMATICAL MODEL OF GLYCOLYSIS OF HUMAN ERYTHROCYTES. RAPOPORT TA, HEINRICH R, JACOBASCH G, RAPOPORT S *EUR J BIOCHEM* 42: 107-20, 15 FEB 74 ENG

KINETIC PROPERTIES OF THE PHOSPHOFRUCTOKINASE FROM ERYTHROCYTES OF RATS AND RABBITS. 1. THE INFLUENCE OF POTASSIUM AND AMMONIUM IONS AND OF INORGANIC PHOSPHATE. KUHN B, JACOBASCH G, GERTH C, RAPOPORT SM *EUR J BIOCHEM* 43: 437-42, 16 APR 74 ENG

KINETIC PROPERTIES OF THE PHOSPHOFRUCTOKINASE FROM ERYTHROCYTES OF RATS AND RABBITS. 2. THE INFLUENCE OF EFFECTORS UNDER NEARLY CELLULAR CONDITIONS. KUHN B, JACOBASCH G, GERTH C, RAPOPORT SM *EUR J BIOCHEM* 43: 443-50, 16 APR 74 ENG

JACOBI J

[UNDESIRABLE EFFECTS OF DRUG THERAPY] JACOBI J, BOTTCHE A *Z ALLGEMEINMED* 50: 773-86, 20 JUN 74 GER

ADULT; ANTI-INFLAMMATORY AGENTS (adverse effects); **ANTIBIOTICS** (adverse effects); **ANTICOAGULANTS** (adverse effects); **ANTI-DIABETICS** (adverse effects); **ANTI-NEOPLASTIC AGENTS** (adverse effects); **BLOOD TRANSFUSION** (adverse effects); **CONTRACEPTIVES, ORAL** (adverse effects); **DIURETICS** (adverse effects); **DRUG THERAPY** (adverse effects); **FEMALE; HUMAN; IMMUNOSUPPRESSIVE AGENTS** (adverse effects); **MIDDLE AGE; MYOCARDIAL DEPRESSANTS** (adverse effects); **TRANQUILIZING AGENTS** (adverse effects); **VACCINATION** (adverse effects).

JACOBS E

EPIDEMIOLOGIC RECONNAISSANCE OF HYPERTENSION IN THE BAHAMAS: WITH SPECIAL REFERENCE TO DEPOT FAT COMPOSITION AND ITS IMPLICATIONS IN RELATION TO CARDIOVASCULAR DISEASE PREVALENCE. LUNN JA, MIRIDJANI-AN A, FONTARES P, JACOBS E, ROSEN S, CHRISTAKIS G *MT SINAI J MED NY* 41: 444-52, MAY-JUN 74 ENG

JACQUOT R

PLASMA GLUCOSE, PROGESTERONE AND IMMUNOREACTIVE INSULIN LEVELS IN THE LACTATING RAT. SUTTER-DUB MT, LECLERCQ R, SUTTER BC, JACQUOT R *HORM METAB RES* 6: 297-300, JUL 74 ENG

JAGER W

[THE CONTINUOUS MEASUREMENT OF PLATELET AGGREGATION WITHOUT ADDITION OF AGGREGATION STIMULATORS. I. METHODS AND CLINICAL RESULTS] JAGER W, KUTSCHERA J, WENDEBERG H, KAUSCHMANN R, RIESE W, PIETSCH U, BERGER E, BENNETT C *BLUT* 29: 184-94, SEP 74 GER

ADULT; ARTERIAL OCCLUSIVE DISEASES (blood); **BLOOD SPECIMEN COLLECTION; CITRATES; COMPARATIVE STUDY; DIABETES MELLITUS** (blood); **ENGLISH ABSTRACT; HUMAN; MIDDLE AGE; MYOCARDIAL INFARCT** (blood); **PHOTOMETRY** (methods); **PLATELET ADHESIVENESS; PLATELET AGGREGATION.**

JAHNKE EJ JR

NATURAL AND UNNATURAL HISTORY OF ACUTE CORONARY ARTERY DISEASE. MC-FADDEN RB, JAHNKE EJ JR, VOGEL JH *ADV CARDIOL* 11: 136-42, 1974 ENG

JAKOB A

ACTIVATION OF GLYCOGENOLYSIS IN PERFUSED RAT LIVERS BY GLUCAGON AND METABOLIC INHIBITORS. JAKOB A, DIEM S *BIOCHIM BIOPHYS ACTA* 362: 469-79, 8 OCT 74 ENG

ADENINE NUCLEOTIDES (metabolism); **ADENOSINE CYCLIC 3,5 MONOPHOSPHATE** (metabolism); **ADENOSINE DIPHOSPHATE** (metabolism); **ADENOSINE MONOPHOSPHATE** (metabolism); **ADENOSINE TRIPHOSPHATE** (metabolism); **ANIMAL EXPERIMENTS; CARBON RADIOISOTOPES; CYANIDES** (administration & dosage, pharmacodynamics); **GLUCAGON** (pharmacodynamics, administration & dosage); **GLUCOSE** (metabolism); **GLUCOSEPHOSPHATES** (metabolism); **GLYCOGEN PHOSPHORYLASE** (metabolism); **GLYCOGEN SYNTHETASE** (metabolism); **IODOACETATES** (administration & dosage, pharmacodynamics); **LACTATES** (metabolism); **LIVER GLYCOGEN** (metabolism); **LIVER** (metabolism, enzymology); **MALE; PERFUSION; RATS; STIMULATION, CHEMICAL; URIDINE DIPHOSPHATE SU-GARS** (metabolism).

JAMES TL

STRUCTURAL ASPECTS OF MANGANESE-PYRUVATE KINASE SUBSTRATE AND INHIBITOR COMPLEXES DEDUCED FROM PROTON MAGNETIC RELAXATION RATES OF PYRUVATE AND A PHOSPHOENOL-PYRUVATE ANALOG. JAMES TL, COHN M *J BIOL CHEM* 249: 3519-26, 10 JUN 74 ENG

ACRYLATES (metabolism); **ADENOSINE TRIPHOSPHATE** (metabolism); **ANIMAL EXPERIMENTS; BINDING, COMPETITIVE; BINDING SITES; CHEMISTRY; MANGANESE** (metabolism); **MATHEMATICS; MUSCLES** (enzymology); **NUCLEAR MAGNETIC RESONANCE; OSMOLAR CONCENTRATION; PHOSPHINIC ACIDS** (metabolism); **PHOSPHOENOLPYRUVATE** (metabolism);

PROTEIN BINDING; PROTONS; PYRUVATE KINASE (antagonists & inhibitors, metabolism); **PYRUVATES** (metabolism); **RABBITS; STRUCTURE-ACTIVITY RELATIONSHIP; TEMPERATURE.**

JAMIESON JD

PHOTOAFFINITY LABELING OF PEPTIDE HORMONE BINDING SITES. GALARDY RE, CRAIG LC, JAMIESON JD, PRINTZ MP *J BIOL CHEM* 249: 3510-8, 10 JUN 74 ENG

JANNER M

[THE ENTITIES OF NECROBIOSIS MACULOSA, GRANULOMATOSIS DISIFORMIS CHRONICA ET PROGRESSIVA MIESCHER, AND THEIR RELATION TO NECROBIOSIS LIPOIDICA DIABETICORUM] NOSTER U, JANNER M, SCHULZ KH *HAUTARZT* 25: 325-32, JUL 74 GER

JAROSCH E

[ASYMPTOMATIC HYPOGLYCEMIA IN PREMATURES FROM THE POINT OF VIEW OF DIFFERENT METHODS OF GLUCOSE DETERMINATION IN BLOOD (AUTHORS TRANSL)] JAROSCH E, RICHTER H, MADREITER H *PAEDIATR PAEDOL* 9: 247-51, 1974 GER

BLOOD SUGAR (analysis); **BUFFERS; ENGLISH ABSTRACT; ENZYME TESTS** (methods); **HUMAN; HYPOGLYCEMIA** (blood, diagnosis); **INFANT, NEWBORN; INFANT, PREMATURE, DISEASES** (diagnosis, blood).

JARRET A

BIOLOGICAL ACTIVITY OF SYNTHETIC HUMAN CORTICOTROPIN WITH REVISED AMINO ACID SEQUENCE. SCHENKEL-HULIGER L, MAIER R, BARTHE PL, DESAULLES PA, JARRET A, RINKER B, RITTEL W, SIEBER P *ACTA ENDOCRINOL (KBH)* 75: 24-32, JAN 74 ENG

JASKIEWICZ J

[GLUCOSE AND GALACTOSE ABSORPTION IN INFANTS WITH DEFECTS OF THE UPPER SEGMENT OF THE GASTROINTESTINAL TRACT DURING THE OPERATIVE PERIOD] JASKIEWICZ J, ROG-GROCHOWSKA E, SZAFRAN H *FOLIA MED CRACOV* 16: 273-96, 1974 POL

ABNORMALITIES, (surgery); AGE FACTORS; DUODENAL OBSTRUCTION (surgery); **ENGLISH ABSTRACT; FEMALE; GALACTOSE** (metabolism); **GLUCOSE TOLERANCE TEST; GLUCOSE** (metabolism); **HUMAN; INFANT; INFANT, NEWBORN; INTESTINAL ABSORPTION; MALE; POSTOPERATIVE CARE; PREOPERATIVE CARE; PYLORIC STENOSIS** (surgery); **SURGERY, OPERATIVE.**

JAWORSKA-BZYMEK D

THE INFLUENCE OF INSULIN AND GLUCOSE ON THE RELEASE OF PLASMINOGEN ACTIVATOR BY ISOLATED RABBIT KIDNEYS. KLENIEWSKI J, JAWORSKA-BZYMEK D *EXPERIENTIA* 30: 1032-3, 15 SEP 74 ENG

JEFFERYS DB

THE LIPID RESPONSE TO FEMALE GONADAL HORMONES OF MALE RATS GIVEN A HIGH-SUCROSE DIET. JEFFERYS DB, WHITE IR *PROC NUTR SOC* 32: 60A, SEP 73 ENG

ANIMAL EXPERIMENTS; DIETARY CARBOHYDRATES (metabolism); **ESTRADIOL** (pharmacodynamics); **LIVER** (analysis); **MALE; PROGESTERONE** (pharmacodynamics); **RATS; SUCROSE** (metabolism); **TRIGLYCERIDES** (blood, analysis).

THE INFLUENCE OF ORAL CONTRACEPTIVES ON THE EFFECT OF LOW-PROTEIN-HIGH SUCROSE OR LOW-PROTEIN-HIGH-STARCH DIETS ON MALE RATS. JEFFERYS

JEFFREY PD

DB, WHITE IR *PROC NUTR SOC* 32: 81A-82A, SEP 73 ENG
ALPHA GLOBULIN (analysis); ANIMAL EXPERIMENTS; CONTRACEPTIVES, ORAL (pharmacodynamics); DIETARY CARBOHYDRATES (metabolism); DIETARY PROTEINS (metabolism); MALE; RATS; SERUM ALBUMIN (analysis); STARCH (metabolism); SUCROSE (metabolism).

JEFFREY PD

POLYMERIZATION BEHAVIOR OF BOVINE ZINC-INSULIN AT NEUTRAL PH. MOLECULAR WEIGHT OF THE SUBUNIT AND THE EFFECT OF GLUCOSE. JEFFREY PD *BIOCHEMISTRY* 13: 4441-7, 8 OCT 74 ENG
BUFFERS; CATTLE; GEL FILTRATION; GLUCOSE (metabolism); HYDROGEN-ION CONCENTRATION; INSULIN (analysis, metabolism, blood); MACROMOLECULAR SYSTEMS; MOLECULAR WEIGHT; OSMOLAR CONCENTRATION; PROTEIN BINDING; ULTRACENTRIFUGATION; ZINC (analysis, metabolism).

JOHNSON BF, CHURA C

DIURNAL VARIATION IN THE EFFECT OF TOLBUTAMIDE. JOHNSON BF, CHURA C *AM J MED SCI* 268: 93-6, AUG 74 ENG
ADULT; BLOOD SUGAR (analysis); CIRCADIAN RHYTHM; DIURNAL RHYTHM; HUMAN; HYDROCORTISONE (blood); INSULIN (blood); MALE; TOLBUTAMIDE (metabolism, blood).

JORKE D

[CATAMNESTIC STUDIES ON PATIENTS WITH CHRONIC LIVER DISEASES IN A LIVER SANATORIUM] JORKE D, TAESCHNER H, WAGNER M, REINHARDT M *Z GESAMTE INN MED* 29: 580-7, 15 JUL 74 GER
ADULT; ALCOHOLISM (complications); AMBULATORY CARE; BILIARY TRACT DISEASES (complications); CHRONIC DISEASE; DIABETES MELLITUS (complications); ENGLISH ABSTRACT; FEMALE; HEALTH RESORTS; HEPATITIS (complications); HEPATITIS, INFECTIOUS (complications); HUMAN; LIVER CIRRHOSIS (complications); LIVER DISEASES (rehabilitation); MALE; MIDDLE AGE; OBESITY (complications); PANCREATIC DISEASES (complications); TIME FACTORS.

JOSEPHSON BL

SUGAR METABOLISM IN TRANSKETOLASE MUTANTS OF *ESCHERICHIA COLI*. JOSEPHSON BL, FRAENKEL DG *J BACTERIOL* 118: 1082-9, JUN 74 ENG
AEROBIOSIS; ANAEROBIOSIS; ARABINOSE (metabolism); CARBOHYDRATES (metabolism); CARBON DIOXIDE (biosynthesis); CARBON RADIOISOTOPES; CULTURE MEDIA; *ESCHERICHIA COLI* (enzymology, growth & development, metabolism); GLUCONATES (metabolism); GLUCOSE (metabolism); GLYCERIN (metabolism); MANNITOL (metabolism); MUTATION; PENTOSEPHOSPHATES (biosynthesis); PENTOSE (metabolism); PHOSPHOGLUCONATE DEHYDROGENASE (biosynthesis); RIBOSE (biosynthesis); SHIKIMIC ACID (metabolism); SUCCINATES (metabolism); TRANSKETOLASE (biosynthesis); XYLOSE (metabolism).

JOSEPHSON DA

STATUS EPILEPTICUS. JOSEPHSON DA *AM FAM PHYSICIAN* 10: 168-73, OCT 74 ENG
DIAZEPAM (therapeutic use); DIPHENYLHYDANTOIN (therapeutic use); EPILEPSY (occurrence, mortality, etiology, therapy, drug therapy); HUMAN; HYPOCALCEMIA (complications, drug therapy); HYPOGLYCEMIA (complications, drug therapy); MAGNESIUM (deficiency); PARALDEHYDE (therapeutic use); PHENOBARBITAL (therapeutic use); PYRIDOX-

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INE DEFICIENCY (complications, drug therapy); RECURRENCE.

JOSHI JG

MECHANISM OF ACTION OF RABBIT MUSCLE PHOSPHOGLUCOMUTASE. RATE OF ENZYME PHOSPHATE TURNOVER STUDIED WITH A RAPID MIXING TECHNIQUE. WALINDER O, JOSHI JG *J CLIN INVEST* 53: 3166-9, JUN 74 ENG

JOSSEAND C

[BIOCHEMICAL MODIFICATIONS NOTED IN CHILDREN WITH KWASHIORKOR] THOMAS J, JOSSEAND C, FLOHIC C, LEFEVRE M, SAGNET H *BULL SOC PATHOL EXOT* 66: 434-45, MAY-JUN 73 FRE

JOUPPILA P

NEONATAL HYPOGLYCAEMIA AND MATERNAL TOXAEMIA. KOIVISTO M, JOUPPILA P *ACTA PAEDIATR SCAND* 63: 743-9, SEP 74 ENG

JOZWICKA E

[CASE OF INSULIN ALLERGY TREATED WITH MONOCOMPONENT INSULINS] JOZWICKA E, POPIK-HANKIEWICZ A, MIEDZINSKA-SZADKOWSKA E, KARNAFEL W *POL TYG LEK* 29: 1519-20, 25 SEP 74 POL
AGED; DERMATITIS MEXICAMENTOSA (etiology); DIABETES MELLITUS (drug therapy); DRUG HYPERSENSITIVITY; ENGLISH ABSTRACT; FEMALE; HUMAN; INSULIN (therapeutic use, adverse effects); PREDNISONE (therapeutic use).

JULER GL

UNUSUAL DIAGNOSTIC ASPECTS AND CURRENT MANAGEMENT OF PANCREATIC PSEUDOCYSTS. GILMAN PK, GIBBONS JC, KAPLAN MS, JULER GL *AM SURG* 40: 326-34, JUN 74 ENG

JUNG CY

INACTIVATION OF GLUCOSE CARRIERS IN HUMAN ERYTHROCYTE MEMBRANES BY 1-FLUORO-2,4-DINITROBENZENE. JUNG CY *J BIOL CHEM* 249: 3568-73, 10 JUN 74 ENG

BIOLOGICAL TRANSPORT, ACTIVE (drug effects); CELL MEMBRANE (drug effects, metabolism); CELL MEMBRANE PERMEABILITY; DOSE-RESPONSE RELATIONSHIP, DRUG; DRUG SYNERGISM; ERYTHROCYTES (metabolism); FLUORINE (pharmacodynamics); GLUCOSE (pharmacodynamics, metabolism); HUMAN; HYDROGEN-ION CONCENTRATION; MANNITOL (pharmacodynamics); MATHEMATICS; MOLECULAR CONFORMATION; NITROBENZENES (pharmacodynamics); STEREOISOMERS; STRUCTURE-ACTIVITY RELATIONSHIP; TEMPERATURE; THERMODYNAMIC

KAABI A

[PHYSIOGNOMY OF MYOCARDIAL INFARCT IN TUNISIA] KAABI A, BOUDHINA T, DJAIDANE A *TUNIS MED* 51: 357-62, NOV 73 FRE

ADULT; AGE FACTORS; AGED; COMPARATIVE STUDY; DIABETES MELLITUS (complications); DIET; FEMALE; HUMAN; HYPERTENSION (complications); MALE; MIDDLE AGE; MYOCARDIAL INFARCT (occurrence, familial & genetic, complications, diagnosis, blood); OCCUPATIONS; SMOKING (complications); TUNISIA.

KAHN CB

KIDNEY SIZE IN DIABETES MELLITUS. KAHN CB, RAMAN PG, ZIC Z *DIABETES* 23: 788-92, SEP 74 ENG
ADOLESCENCE; ADULT; AGE FACTORS; AGED; AUTOPSY; BODY HEIGHT; BODY

WEIGHT; DIABETES MELLITUS (pathology); FEMALE; HUMAN; KIDNEY (pathology, radiography); MALE; MIDDLE AGE; ORGAN WEIGHT; SEX FACTORS; TIME FACTORS.

KAHN MR

RATIONALE FOR USE OF INTRAVENOUS GLUCOSE. KAHN MR *J ORAL SURG* 32: 465-6, JUN 74 ENG

ACIDOSIS (prevention & control); BODY WATER (metabolism); CARBOHYDRATES (metabolism); GLUCOSE (metabolism, therapeutic use, administration & dosage); HUMAN; INFUSIONS, PARENTERAL; LIPIDS (metabolism); PROTEINS (metabolism); SURGERY, OPERATIVE; URINE.

KANETO A

EFFECTS OF VAGAL STIMULATION ON GLUCAGON AND INSULIN SECRETION. KANETO A, MIKI E, KOSAKA K *ENDOCRINOLOGY* 95: 1005-10, OCT 74 ENG
ANIMAL EXPERIMENTS; ATROPINE (pharmacodynamics); BLOOD SUGAR; DOGS; ELECTRIC STIMULATION; GLUCAGON (secretion, blood); INSULIN (secretion, blood); PANCREAS (secretion, blood supply); REGIONAL BLOOD FLOW; VAGUS NERVE (physiology).

KANNEL WB

RELATION OF WEIGHT CHANGE TO CHANGES IN ATHEROGENIC TRAITS: THE FRAMINGHAM STUDY. ASHLEY FW JR, KANNEL WB *J CHRONIC DIS* 27: 103-14, MAR 74 ENG

VITAL CAPACITY AND CONGESTIVE HEART FAILURE. THE FRAMINGHAM STUDY. KANNEL WB, SEIDMAN JM, FERCHO W, CASTELLI WP *CIRCULATION* 49: 1160-6, JUN 74 ENG

AGE FACTORS; BLOOD PRESSURE; BLOOD SUGAR; BODY WEIGHT; ELECTROCARDIOGRAPHY; FEMALE; HEART ENLARGEMENT; HEART FAILURE, CONGESTIVE (complications, diagnosis, physiopathology, occurrence); HEART RATE; HUMAN; LUNG DISEASES, OBSTRUCTIVE (complications); MALE; MASSACHUSETTS; MIDDLE AGE; SEX FACTORS; SMOKING (complications); VITAL CAPACITY.

KANYAR B

[51CR-EDTA AND ENDOGENOUS CREATINE CLEARANCE STUDIES] GARAS Z, KANYAR B, KOMOR K *Z GESAMTE INN MED* 29: 248-50, 15 MAR 74 GER

KAO RL

FACTORS CONTROLLING PROTEIN TURNOVER IN HEART MUSCLE. MORGAN HE, RANNELS DE, KAO RL *CIRC RES* 35: 22-31, SEP 74 ENG

KAPLAN MS

UNUSUAL DIAGNOSTIC ASPECTS AND CURRENT MANAGEMENT OF PANCREATIC PSEUDOCYSTS. GILMAN PK, GIBBONS JC, KAPLAN MS, JULER GL *AM SURG* 40: 326-34, JUN 74 ENG

KAPLANSKY AS

CYTOCHEMICAL INVESTIGATIONS OF THE METABOLISM OF ALVEOLAR AND PERITONEAL MACROPHAGES. PORTUGALOV VV, DURNOVA GN, KAPLANSKY AS, KOLGANOVA NS *ACTA HISTOCHEM (JENA)* 46: 216-26, 1973 ENG

KARADSHAH NS

STABILIZATION OF ACTIVE FORM OF RABBIT LIVER PHOSPHOFRUCTOKINASE. KARADSHAH NS, ANANTHANARAYANAN M, RAMAIAH A *BIOCHEM BIOPHYS RES COMMUN* 57: 771-9, 8 APR 74 ENG

ADENOSINE (pharmacodynamics); ANIMAL EXPERIMENTS; BINDING SITES; DRUG STABILITY; FLUORIDES (pharmacodynamics); FRUCTOSEPHOSPHATES; HALF-LIFE; KINETICS; LIVER (enzymology); PHOSPHOFRUCTOKINASE (metabolism); PROTEIN BINDING; RABBITS; SPECTROPHOTOMETRY, ULTRAVIOLET; TIME FACTORS.

KARAM J

SYNTHESIS AND SECRETION OF INSULIN IN DYNAMIC PERFUSION SYSTEMS. GRODSKY GM, SANDO H, LEVIN S, GERICH J, KARAM J *ADV METAB DISORD* 7: 155-70, 1974 ENG [28]

KARAM JH

STAIRCASE GLUCOSE STIMULATION OF INSULIN SECRETION IN OBESITY. MEASURE OF BETA-CELL SENSITIVITY AND CAPACITY. KARAM JH, GRODSKY GM, CHING KN, SCHMID F, BURRILL K, FORSHAM PH *DIABETES* 23: 763-70, SEP 74 ENG
ADULT; BIOLOGICAL ASSAY; BLOOD SUGAR (metabolism); BODY WEIGHT; DRUG HYPERSENSITIVITY; FASTING; FEMALE; GLUCOSE OXIDASE; GLUCOSE TOLERANCE TEST; GLUCOSE (administration & dosage); HUMAN; INSULIN (secretion, blood); MALE; MATHEMATICS; MIDDLE AGE; OBESITY (metabolism); STIMULATION, CHEMICAL.

KARLAGANIS G

HORMONE-RECEPTOR INTERACTIONS. ADRENOCORTICOTROPIC HORMONE BINDING SITE INCREASE IN ISOLATED FAT CELLS BY PHENOXAZONES. LANG U, KARLAGANIS G, VOGEL R, SCHWYZER R *BIOCHEMISTRY* 13: 2626-33, 4 JUN 74 ENG

KARNAFEL W

[CASE OF INSULIN ALLERGY TREATED WITH MONOCOMPONENT INSULINS] JOZWICKA E, POPIK-HANKIEWICZ A, MIEDZINSKA-SZADKOWSKA E, KARNAFEL W *POL TYG LEK* 29: 1519-20, 25 SEP 74 POL

THE USE OF PHOTOPLETYSMOGRAPHY IN THE DIAGNOSIS OF DIABETIC ANGIOPATHY. OSTROWSKI K, KARNAFEL W, DRZYMIEN J *ACTA MED POL* 15: 79-84, 1974 ENG

KARPM

[ENDOGENOUS INSULIN RESERVE IN JUVENILE DIABETICS AS A CRITERION FOR THERAPY] RITTERMAN I, DORON M, KARP M, LARON Z *HAREFUH* 87: 50-3, 15 JUL 74 HEB

KASTIN AJ

UNALTERED PLASMA GH LEVELS IN ACROMEGALICS AND NORMAL MEN AND WOMEN AFTER ADMINISTRATION OF (PYRO)GLU-SER-GLY-NH₂, A PROPOSED GH-RELEASING HORMONE. GONZALEZ-BARCENA D, KASTIN AJ, COY DH, GLICK S, SCHALCH DS, LEE LA, ARZAC JP, SCHALLY AV *J CLIN ENDOCRINOL METAB* 38: 1134-6, JUN 74 ENG

KATO M

[PROCEEDINGS: GASTRIC MOTILITY OF DIABETIC DOGS DURING INSULIN STIMULATION] SUGAWARA K, KATO M *JAP J SMOOTH MUSCLE RES* 9: 274-5, DEC 73 JPN

KAUSCHMANN R

[THE CONTINUOUS MEASUREMENT OF PLATELET AGGREGATION WITHOUT ADDITION OF AGGREGATION STIMULATORS. I. METHODS AND CLINICAL RESULTS] JAGER W, KUTSCHERA J, WENDEBERG H, KAUSCHMANN R, RIESE W, PIETSCH U, BERGER E, BENNETT C *BLUT* 29: 184-94, SEP 74 GER

KAWADA ME

STRESS, INSULIN ANTAGONIST AND TRANSIENT DIABETES MELLITUS IN THE RAT. VARGES L, BRONFMAN M, KAWADA ME *HORM METAB RES* 6: 275-80, JUL 74 ENG

KAWAMORI R

ENTERAL ABSORPTION OF WATER-IN-OIL-IN-WATER INSULIN EMULSIONS IN RABBITS. SHICHIKI M, SHIMIZU Y, YOSHIDA Y, KAWAMORI R, FUKUCHI M, SHIGETA Y, ABE H *DIABETOLOGIA* 10: 317-21, AUG 74 ENG

KAZDOVA I

INFLUENCE OF DIET WITH A HIGH STARCH OR SUCROSE CONTENT ON GLUCOSE TOLERANCE, SERUM INSULIN LEVEL AND INSULIN SENSITIVITY IN RATS. VRANA A, SPLABOCHOVA Z, FABRY P, KAZDOVA I *PHYSIOL BOHEMOSLOV* 23: 305-10, 1974 ENG

KAZIBUTOWSKA Z

[POLYNEUROPATHY AND MOTOR FIBER CONDUCTION VELOCITY IN CHILDREN AND ADOLESCENTS WITH DIABETES] KAZIBUTOWSKA Z *NEUROL NEUROCHIR POL* 8: 519-24, JUL-AUG 74 POL
ADOLESCENCE; AGE FACTORS; CHILD; CHILD, PRESCHOOL; DIABETES MELLITUS, JUVENILE (physiopathology, complications); ENGLISH ABSTRACT; HUMAN; HYPERGLYCEMIA (complications); MEDIAN NERVE (physiopathology); NERVOUS SYSTEM DISEASES (etiology); NEURAL CONDUCTION; PERONEAL NERVE (physiopathology); ULNAR NERVE (physiopathology).

KEAY L

STUDIES ON GROWTH HORMONE SECRETION. VI. EFFECTS OF DIBUTYRYL CYCLIC AMP, PROSTAGLANDIN E₁ AND INDOMETHACIN ON GROWTH AND HORMONE SECRETION BY RAT PITUITARY TUMOR CELLS IN CULTURE. HERTELINDY F, KEAY L *PROSTAGLANDINS* 6: 217-25, 10 MAY 74 ENG

KEGEL J

[ACUTE DIABETIC METABOLIC DISORDERS DURING THERAPY OF LYMPHOBLASTIC LEUKEMIAS] KEGEL J, GADNER H, RIEHM H, WEBER B *MONATSSCHR KINDERHEILK* 122: 694-5, JUL 74 GER
ADOLESCENCE; ASPARAGINASE (therapeutic use, adverse effects); CHILD; DAUNOMYCIN (therapeutic use, adverse effects); DIABETES MELLITUS (chemically induced); GLUCOSE TOLERANCE TEST; HUMAN; LEUKEMIA, LYMPHOBLASTIC (drug therapy); MALE; PREDNISONE (therapeutic use, adverse effects); VINCRISTINE (therapeutic use, adverse effects).

KEIRNS JJ, FREEMAN J, BITENSKY MW
CYCLIC ADENOSINE MONOPHOSPHATE AND CLINICAL MEDICINE. 2. CARBOHYDRATE AND LIPID METABOLISM. KEIRNS JJ, FREEMAN J, BITENSKY MW *AM J MED SCI* 268: 62-91, AUG 74 ENG

ADENOSINE CYCLIC 3,5 MONOPHOSPHATE (metabolism); ADRENERGIC ALPHA RECEPTOR AGONISTS (blood); ADRENERGIC BETA RECEPTOR AGONISTS (blood); AMINO ACIDS (metabolism); ANIMAL EXPERIMENTS; ANTIDIABETICS (blood); BINDING SITES; BLOOD SUGAR; CALCIUM (metabolism); CARBOHYDRATES (metabolism); DIABETES MELLITUS (blood); GASTROINTESTINAL HORMONES (blood); GLUCONEOGENESIS; GUANOSINE CYCLIC 3,5 MONOPHOSPHATE (metabolism); HORMONES (blood); HUMAN; HYPOGLYCEMIA (metabolism); INSULIN RESISTANCE; INSULIN (metabolism, secretion);

ISLANDS OF LANGERHANS (secretion); LIPIDS (metabolism); OBESITY (metabolism); PROTEINS (metabolism); RECEPTORS, HORMONE; SOMATOTROPIN (secretion); SULFONYLUREA COMPOUNDS (blood).

KEITH AD

PERTURBATIONS OF THE DYNAMICS OF LIPID ALKYL CHAINS IN MEMBRANE SYSTEMS: EFFECT ON THE ACTIVITY OF MEMBRANE-BOUND ENZYMES. ELETR S, WILLIAMS MA, WATKINS T, KEITH AD *BIOCHIM BIOPHYS ACTA* 339: 190-201, 15 MAR 74 ENG

CHANGES IN MEMBRANE LIPID STRUCTURE OF ILLUMINATED CHLOROPLASTS: STUDIES WITH SPIN-LABELED AND FREEZE-FRACTURED MEMBRANES. TORRES-PEIREIRA J, MEHLHORN R, KEITH AD, PACKER L *ARCH BIOCHEM BIOPHYS* 160: 90-9, JAN 74 ENG

KELLETER R

[BIOCHEMICAL STUDIES OF GLYCOGEN METABOLISM OF HUMAN BLOOD LYMPHOCYTES] SEILER D, KELLETER R *VERH DTSCH GES INN MED* 79: 536-8, 1973 GER

KELLEY WN

STUDIES ON THE MECHANISM OF FRUCTOSE-INDUCED HYPERURICEMIA IN MAN. FOX IH, KELLEY WN *ADV EXP MED BIOL* 41: 463-70, 1974 ENG

KELLOGG EW

SOLUBLE AND PARTICULATE HEXOKINASE IN DEVELOPING NEURAL SYSTEMS. KELLOGG EW, KNULL HR, WILSON JE *J NEUROCHEM* 22: 461-3, MAR 74 ENG
AGING; ANIMAL EXPERIMENTS; BRAIN (growth & development, enzymology); CEREBELLUM (enzymology, growth & development); CEREBRAL CORTEX (enzymology, growth & development); CHICKENS; COMPARATIVE STUDY; HEXOKINASE (metabolism); OPTIC LOBE (enzymology, growth & development); ORGAN SPECIFICITY; RATS; SOLUBILITY; SPECIES SPECIFICITY.

KELLY JV

DIAGNOSTIC TECHNIQUES IN PREPARTAL FETAL EVALUATION. KELLY JV *CLIN OBSTET GYNECOL* 17: 53-82, SEP 74 ENG [239]
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ADIPOSE TISSUE (metabolism, physiopathology, innervation); BLOOD SUGAR (analysis); BROWN FAT (metabolism, physiopathology); EPINEPHRINE (pharmacodynamics); FASTING; FATTY ACIDS, NONESTERIFIED (blood); GLUCAGON (blood); GLUCOSE TOLERANCE TEST; HUMAN; HYDROCORTISONE (blood); HYPERTROPHY; INSULIN (blood); INSULIN,

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ADULT; BIRTH WEIGHT; BLOOD SUGAR (metabolism); ESTRIOLE (urine); FEMALE; HUMAN; HYPOGLYCAEMIA (blood); INFANT, NEWBORN; INFANT, NEWBORN, DISEASES; ORGAN WEIGHT; PARITY; PLACENTA (anatomy & histology); PREGNANCY, TOXEMIAS (urine); PREGNANCY.

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METABOLIC AND HORMONAL EFFECTS OF EXERCISE IN THE SEVERELY STREPTOZOTOCIN-DIABETIC RAT. KOIVISTO VA, AKERBLOM HK, KIVILUOTO MK *DIABETOLOGIA* 10: 329-35, AUG 74 ENG

ACIDOSIS, DIABETIC (etiology); ANIMAL EXPERIMENTS; BLOOD SUGAR (metabolism); DIABETES MELLITUS (chemically induced, metabolism); EXERTION; FATTY ACIDS, NONESTERIFIED (blood); GLUCOSE (metabolism); GLYCERIN (blood); GLYCOGEN (metabolism); INSULIN (blood, metabolism); KETONE BODIES (blood); LACTATES (blood); LIVER (metabolism); MALE; RATS; STREPTOZOTOCIN.

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ADENOSINE DIPHOSPHATE (metabolism); ADENOSINE TRIPHOSPHATE (metabolism); BIOLOGICAL TRANSPORT; ELECTRON TRANSPORT; ENERGY TRANSFER; LYSOLECITHIN (pharmacodynamics); MEMBRANES (drug effects, metabolism); MITOCHONDRIA (drug effects, metabolism); MODELS, BIOLOGICAL; OXIDATIVE PHOSPHORYLATION; OXYGEN CONSUMPTION; POTASSIUM (metabolism).

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ADULT; BICARBONATES (metabolism); BILE ACIDS AND SALTS (pharmacodynamics); BIOLOGICAL TRANSPORT (drug effects); CHLORIDES (metabolism); FEMALE; GLUCOSE (metabolism); HUMAN; ILEUM (drug effects, metabolism); INTESTINAL ABSORPTION (drug effects); MALE; MIDDLE AGE; PERFUSION; POLYETHYLENE GLYCOLS; POTASSIUM (metabolism); SODIUM (metabolism); WATER-ELECTROLYTE BALANCE (drug effects).

KRAL J

[LESS USUAL ORTHOPEDIC FINDINGS IN DIABETICS] KRAL J, CERNOCH Z *ACTA CHIR ORTHOP TRAUMATOL CZECH* 41: 234-8, JUN 74 CZE

AGED; BONE DISEASES (etiology); DIABETES MELLITUS (complications); ENGLISH ABSTRACT; FEMALE; HUMAN; JOINT DISEASES (etiology); MIDDLE AGE.

KRASHENITSA GM

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CYCLIC AMP-DEPENDENT PROTEIN KINASE ACTIVITY IN A CELL MEMBRANE-ENRICHED SUBCELLULAR FRACTION OF PIG MYOCARDIUM. KRAUSE EG, WILL H, PELOUCH V, WOLLENBERGER A *ACTA BIOL MED GER* 31: K37-43, 1973 ENG

ADENOSINE CYCLIC 3,5 MONOPHOSPHATE (pharmacodynamics); ADENOSINE MONOPHOSPHATE (pharmacodynamics); ADENOSINE TRIPHOSPHATASE (pharmacodynamics); ADENOSINE TRIPHOSPHATE (pharmacodynamics); ANIMAL EXPERIMENTS; CALCIUM (pharmacodynamics); CATECHOLAMINES (physiology); CELL MEMBRANE (enzymology); ELECTROPHORESIS, POLYACRYLAMIDE GEL; MAGNESIUM (pharmacodynamics);

MOLECULAR WEIGHT; MYOCARDIUM (enzymology); PHOSPHATES; PROTEIN KINASE (antagonists & inhibitors, metabolism); SUBCELLULAR FRACTIONS; SWINE; TIME FACTORS.

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ULTRAHISTOCHEMICAL DETECTION OF BIOGENIC AMINES IN A-CELLS OF LANGERHANS ISLETS OF SANDRATS (PSAMMOMYS OBEUS) BY MEANS OF REINECKE-SALT. DORSCH HH VON, KRAUSE R, FEHRMANN P, SULZMANN R *Z MIKROSK ANAT FORSCH* 88: 413-6, 1974 ENG

KRAVTSOV VV

[HEMODYNAMIC AND BIOCHEMICAL SHIFTS IN THE ACUTE PERIOD OF THE SYNDROME OF PROLONGED COMPRESSION OF THE EXTREMITIES] KRAVTSOV VV, CHIPKO LP *ORTOP TRAVMATOL PROTEZ* 34: 29-34, DEC 73 RU

ANIMAL EXPERIMENTS; BLOOD PRESSURE DETERMINATION; BLOOD SUGAR (analysis); BLOOD VOLUME DETERMINATION; CHLORIDES (blood); DOGS; ENGLISH ABSTRACT; FORELIMB (blood supply); HEMODYNAMICS; HINDLIMB (blood supply); ISCHEMIA (physiopathology); OXYGEN (blood); Tourniquets.

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ADIPOSE TISSUE (analysis); ANIMAL EXPERIMENTS; ANIMAL FEED; CREATININE (metabolism); FEMALE; FOOD CONTAMINATION; GLYCOSURIA; KIDNEY CONCENTRATING ABILITY; KIDNEY CORTEX (enzymology); KIDNEY DISEASES (chemically induced, metabolism, pathology); KIDNEY FUNCTION TESTS; KIDNEY TUBULES, PROXIMAL (physiopathology); KIDNEY (pathology, analysis); LEUCINE AMINOPEPTIDASE (metabolism); LIVER (analysis); MUSCLES (analysis); OCHRATOXINS (administration & dosage, analysis, toxicity); PROTEINURIA.

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ADULT; AGED; ANGINA PECTORIS (drug therapy); ASTHMA (drug therapy); BLOOD COAGULATION (drug effects); BLOOD PRESSURE (drug effects); BLOOD SUGAR (analysis); CARDIAC OUTPUT (drug effects); CHOLESTEROL (blood); CLINICAL RESEARCH; FEMALE; HEART (drug effects); HUMAN; LIPIDS (blood); MALE; MIDDLE AGE; PLACEBOS; PRACLOL (therapeutic use, pharmacodynamics); PROTHROMBIN TIME.

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PATHWAYS OF D-FRUCTOSE TRANSPORT IN ARTHROBACTER PYRIDINOLIS. WOLFSON EB, SOBEL ME, BLANCO R, KRULWICH TA *ARCH BIOCHEM BIOPHYS* 160: 440-4, FEB 74 ENG

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THE USE OF PHOTOPLETYSMOGRAPHY IN THE DIAGNOSIS OF DIABETIC ANGIOPATHY. OSTROWSKI K, KARNAFEL W, DRZYMIEN J *ACTA MED POL* 15: 79-84, 1974 ENG

KSENOFONTOV YP

STUDY OF GENETIC MARKERS IN BRONCHIAL ASTHMA AND DIABETES MELLITUS. KSENOFONTOV YP *SOV GENET* 8: 648-50, 1 JUN 74 ENG

ABO FACTORS; ASTHMA (familial & genetic, blood); BLOOD GROUPS; DIABETES MELLITUS (familial & genetic, blood); ESTONIA (ethnology); FEMALE; HAPTOGLOBINS (analysis); HUMAN; MALE; RH FACTORS.

KUBLER W

[ENERGY METABOLISM IN HYPOXIC MYOCARDIUM] KUHN H, MERTENS HM, BREITHARDT G, LOOGEN F, KUBLER W *VERH DTSCH GES INN MED* 79: 1128-30, 1973 GER

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ADENOSINE TRIPHOSPHATE (metabolism); ALLOSTERIC REGULATION; AMMONIUM SULFATE; ANIMAL EXPERIMENTS; BINDING SITES; ENZYME ACTIVATION; ERYTHROCYTES (metabolism, enzymology); FRUCTOSEPHOSPHATES (metabolism); KINETICS; MOLECULAR CONFORMATION; OSMOLAR CONCENTRATION; PHOSPHATES; PHOSPHOFRUCTOKINASE (blood); POTASSIUM CHLORIDE; RABBITS; RATS.

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ADENOSINE DIPHOSPHATE; ADENOSINE MONOPHOSPHATE; ADENOSINE TRIPHOSPHATE; ANIMAL EXPERIMENTS; BINDING SITES; DIPHOSPHOGLYCERIC ACIDS; ENZYME ACTIVATION; ERYTHROCYTES (enzymology); FRUCTOSEPHOSPHATES (metabolism); GLUCOSEPHOSPHATES; HYDROGEN-ION CONCENTRATION; KINETICS; PHOSPHATES; PHOSPHOENOLPYRUVATE; PHOSPHOFRUCTOKINASE (antagonists & inhibitors, blood); RABBITS; RATS.

KUHN H

[ENERGY METABOLISM IN HYPOXIC MYOCARDIUM] KUHN H, MERTENS HM, BREITHARDT G, LOOGEN F, KUBLER W *VERH DTSCH GES INN MED* 79: 1128-30, 1973 GER

ANIMAL EXPERIMENTS; ANOXIA (metabolism); DOGS; GLUCOSE (metabolism); GLYCOGEN (metabolism); LACTATES (metabolism); MYOCARDIUM (metabolism).

KULESZA B

[MODERN TRENDS IN RADIOIMMUNOLOGIC METHODS THROUGHOUT THE WORLD] KULESZA B *POL TYG LEK* 29: 1679-81, 30 SEP 74 POL [7]

ANTIBODY SPECIFICITY; ANTIGENS (isolation & purification); CHROMATOGRAPHY, PAPER; HUMAN; IMMUNOELECTROPHORESIS; IMMUNOLOGIC DISEASES (diagnosis); IMMUNOLOGY; INSULIN ANTIBODIES; INSULIN (blood); INTERNATIONAL COOPERATION; METHODS; RADIOIMMUNOASSAY; RADIOISOTOPES; REVIEW; WORLD HEALTH ORGANIZATION.

KUMMEROW FA

EFFECT OF DIETARY FAT ON THE RELEASE RATE OF CHOLESTEROL FROM SWINE ERYTHROCYTES. YEH SJ, MIZUGUCHI T, KUMMEROW FA *PROC SOC EXP BIOL MED* 146: 236-40, MAY 74 ENG

KUNTZ JL

[ABNORMALITIES OF INSULIN SECRETION DURING PHRENO-CELIAC STENOSIS] WARTER J, WERYHA A, STORCK D, KUNTZ JL *C R ACAD SCI [D] (PARIS)* 278: 2377-9, 29 APR 74 FRE

KUSKA J

GROWTH HORMONE SECRETION IN DIABETIC CHILDREN. OTTO-BUGZ-KOWSKA E, KOBOT F, KUSKA J *Z KINDERHEILK* 117: 233-40, 1974 ENG

KUTSCHERA J

[THE CONTINUOUS MEASUREMENT OF PLATELET AGGREGATION WITHOUT ADDITION OF AGGREGATION STIMULATORS. I. METHODS AND CLINICAL RESULTS] JAGER W, KUTSCHERA J, WENDEBERG H, KAUSCHMANN R, RIESE W, PIETSCH U, BERGER E, BENNETT C *BLUT* 29: 184-94, SEP 74 GER

KUTTIN ES

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KUTTY AG

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KUZELA L

[MECHANISM OF DEVELOPMENT OF HYPERGLYCEMIA DURING EXTRACORPOREAL CIRCULATION] BARTA E, SISKÁ K, TREGER J, KUZELA L, HORECKÝ J, HOLOMAN M *ROZHL CHIR* 53: 601-6, SEP 74 SLO

LABRIE F

STABILITY OF SECRETORY GRANULES CONTAINING GROWTH HORMONE AND PROLACTIN FROM BOVINE ANTERIOR PITUITARY GLAND. LEMAY A, LABRIE F, DROUIN D *CAN J BIOCHEM* 52: 327-35, APR 74 ENG

LACOMBE R

ISOLATION, IDENTIFICATION, AND QUANTITATION OF O-TOLUENESULFONAMIDE, A MAJOR IMPURITY IN COMMERCIAL SACCHARINS. STAVRIC B, LACOMBE R, WATSON JR, MUNRO IC *J ASSOC OFF ANAL CHEM* 57: 678-81, MAY 74 ENG

LACY PE

DISTRIBUTION OF INJECTED INSULIN AND INSULIN-ANTIBODY COMPLEXES IN NORMAL AND INSULIN-IMMUNIZED ANIMALS. FRIKKE MJ, GINGERICH RL, STRANAHAN PD, CARTER G, BAUMAN AK, GREIDER MH, WRIGHT PH, LACY PE *DIABETOLOGIA* 10: 345-51, AUG 74 ENG

EFFECT OF CYTOCHALASIN B ON HEXOSE TRANSPORT AND GLUCOSE METABOLISM IN PANCREATIC ISLETS. MCDANIEL ML, KING S, ANDERSON S, FINK J, LACY PE *DIABETOLOGIA* 10: 303-8, AUG 74 ENG

MONOLAYER CELL CULTURE OF ADULT RAT ISLETS OF LANGERHANS. KOSTIANOVSKY M, MCDANIEL ML, STILL MF, CODILLA RC, LACY PE *DIABETOLOGIA* 10: 337-44, AUG 74 ENG

STRUCTURE AND FUNCTION OF THE ENDOCRINE CELL TYPES OF THE ISLETS. LACY PE *ADV METAB DISORD* 7: 171-82, 1974 ENG [14]

ANIMAL EXPERIMENTS; CELL MEMBRANE (metabolism, pharmacodynamics); COLCHICINE (pharmacodynamics); COMPARATIVE STUDY; DIABETES MELLITUS (physiopathology); ENDOPLASMIC RETICULUM (metabolism); GLUCOSE (metabolism, pharmacodynamics); HUMAN; INSULIN (metabolism, secretion); ISLANDS OF LANGERHANS (metabolism, cytology, secretion, drug effects, transplantation, ultrastructure); MICROSCOPY, ELECTRON, SCANNING; MICROTUBULES (metabolism); MODELS, BIOLOGICAL; RATS; RECEPTORS, DRUG; REVIEW; TRANSPLANTATION, AUTOLOGOUS; VINBLASTINE (pharmacodynamics); VINCISTINE (pharmacodynamics); ZINC (pharmacodynamics).

LADEHOFF P

[SEPSIS WITH TORULOPSIS GLABRATA PROBABLY ORIGINATING FROM A RENAL FOCUS] LADEHOFF P, BACH A *UGESKR LAEGER* 136: 2031-2, 2 SEP 74 DAN

AGED; AMPHOTERICIN B (therapeutic use); DIABETES MELLITUS (complications); ENGLISH ABSTRACT; FEMALE; HUMAN; MONILIASIS (microbiology, drug therapy); PYELONEPHRITIS (microbiology, etiology); TORULOPSIS (isolation & purification).

LAFONTAN M

[DECREASE OF THE INCORPORATION OF CHOLESTEROL-C 14 IN THE AORTA AFTER ADMINISTRATION OF DIMETHYLBIGUANIDE IN NORMAL RABBITS] LAFONTAN M, AGID R, MARQUIE G *C R ACAD SCI [D] (PARIS)* 278: 3103-5, 10 JUN 74 FRE

ANIMAL EXPERIMENTS; AORTA (metabolism); ARTERIOSCLEROSIS (prevention & control); CARBON RADIOISOTOPES; CHOLESTEROL (metabolism); METFORMIN (pharmacodynamics); RABBITS.

LAGWINSKA E

ELEMENTARY PROCESSES IN THE HYDROLYSIS OF ATP BY SARCOPLASMIC RETICULUM MEMBRANES. MARTONOSI A, LAGWINSKA E, OLIVER M *ANN NY ACAD SCI* 227: 549-67, 18 FEB 74 ENG

LAHRICHI M

[PROTEIN RELEASE FROM HUMAN LEUCOCYTES. INFLUENCE OF MEDIUM AND TIME OF INCUBATION (AUTHORS TRANSL)] HOUPERT Y, LAHRICHI M, SAVIGNY P.

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IMMUNOLOGICAL ENHANCEMENT OF ATHEROGENESIS IN RABBITS. PERSISTENT SUSCEPTIBILITY TO ATHEROGENIC DIET FOLLOWING EXPERIMENTALLY INDUCED SERUM SICKNESS. LAMBERSON HV JR, FRITZ KE *ARCH PATHOL* 98: 9-16, JUL 74 ENG

ANIMAL EXPERIMENTS: AORTA (metabolism, pathology); ARTERIOSCLEROSIS (immunology); AUTORADIOGRAPHY; CHOLESTEROL (blood); CHOLESTEROL, DIETARY; CORONARY VESSELS (pathology); DIET, ATHEROGENIC; DNA (biosynthesis); ENDOTHELIUM (metabolism); GEL DIFFUSION TESTS; HISTOCYTOCHEMISTRY; LIPIDS (analysis); MALE; MUSCLE, SMOOTH (metabolism); RABBITS; SERUM ALBUMIN, BOVINE; SERUM ALBUMIN, RADIOIODINATED; SERUM SICKNESS; THYMIDINE (metabolism); TRITIUM.

LAMBERT AE

[PHYSIOLOGY OF INSULIN SECRETION. 2. FURTHER INTERPRETATIONS] RENOLD AE, ORCI L, LAMBERT AE *JOURN ANNU DIABETOL* 13: 37-40, 1972 FRE [7]

CATIONIC ENVIRONMENT AND DYNAMICS OF INSULIN SECRETION. I. EFFECT OF LOW CONCENTRATIONS OF SODIUM. LAMBERT AE, HENQUIN JC, MALVAUX P *ENDOCRINOLOGY* 95: 1069-77, OCT 74 ENG
ANIMAL EXPERIMENTS; ANTIGENS; CHOLINE (pharmacodynamics); GLUCOSE (pharmacodynamics); IN VITRO; INSULIN (secretion, immunology); ISLANDS OF LANGERHANS (secretion, metabolism); LITHIUM (pharmacodynamics); MALE; RADIOIMMUNOASSAY; RATS; SECRETORY RATE; SODIUM (metabolism); TIME FACTORS.

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LARDY HA

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LARNER J

[CYCL AMP INFLUENCE ON GLUCOSE METABOLISM IN HUMAN BLOOD PLATELETS] SCHNEIDER WH, VILLAR-PALASI C, LARNER J *VERH DTSCH GES INN MED* 79: 488-90, 1973 GER

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[EFFECT OF CARDIOACTIVE STEROIDS ON ACTIVE INTESTINAL SUGAR TRANSPORT IN HAMSTER (AUTHORS TRANSL.)] BOLUFER J, ANSELM E, LARRALDE J *REV ESP FISIOLOG* 29: 267-72, DEC 73 SPA

LARSEN AE

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ADENOSINE DIPHOSPHATE (metabolism); ADENOSINE MONOPHOSPHATE; ADENOSINE TRIPHOSPHATE (metabolism); BINDING SITES; CARBON RADIOISOTOPES; CATTLE; CHROMATOGRAPHY, THIN LAYER; GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE; KINETICS; LACTATE DEHYDROGENASE; MUSCLES (enzymology); MYOCARDIUM (enzymology); PHOSPHOGLYCERATE KINASE (metabolism); PHOSPHOTRANSFERASES, ATP (metabolism); PROTEIN BINDING; PYRUVATE KINASE;

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ENDOCRINE EVALUATION IN THALASSEMIA MAJOR. LASSMAN MN, OBRIEN RT, PEARSON HA, WISE JK, DONABEDIAN RK, FELIG P, GENEL M *ANN NY ACAD SCI* 232: 226-37, 1974 ENG

ADOLESCENCE; ADULT; BLOOD TRANSFUSION (adverse effects); CHILD; CHILD, PRESCHOOL; CORTICOTROPIN (metabolism); DIABETES MELLITUS (etiology); ESTROGENS (blood); FEMALE; GLUCAGON (blood); GLUCOSE OXIDASE; GLUCOSE TOLERANCE TEST; GREECE (ethnology); HUMAN; HYDROCORTISONE (blood); HYDROXYSTERIODS (blood); INSULIN (blood); IRON (metabolism); ITALY (ethnology); LH (blood); MALE; PITUITARY-ADRENAL FUNCTION TESTS; PROGESTERONE (blood); RADIOIMMUNOASSAY; SOMATOTROPIN (blood); TESTOSTERONE (blood); THALASSEMIA (therapy, complications); THYROID GLAND FUNCTION TESTS; THYROTROPIN (blood); 17-KETOSTEROIDS (blood).

LATORRE R

KINETICS OF THE OPENING AND CLOSING OF INDIVIDUAL EXCITABILITY-INDUCING MATERIAL CHANNELS IN A LIPID BILAYER. EHRENSTEIN G, BLUMENTHAL R, LATORRE R, LECAR H *J GEN PHYSIOL* 63: 707-21, JUN 74 ENG

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LAURSEN AB

GLUCOSE, PYRUVATE AND CITRATE CONCENTRATIONS IN THE AQUEOUS HUMOUR OF HUMAN CATARACTOUS EYES. LAURSEN AB, LORENTZEN SE *ACTA OPHTHALMOL (KBH)* 52: 477-89, 1974 ENG

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LAUVAUX JP

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LAWSON JP

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ADIPOSE TISSUE (innervation); ADRENERGIC BETA RECEPTOR AGONISTS (pharmacodynamics); ADRENERGIC BETA RECEPTOR BLOCKADERS (pharmacodynamics); ALBUTEROL (pharmacodynamics); BRONCHI (innervation); BUTOXAMINE (pharmacodynamics); HEART (innervation); HUMAN; ISOPROTERENOL (pharmacodynamics); LIPID MOBILIZATION; LIVER (innervation); LIVER GLYCOGEN (metabolism); MALE; MUSCLE CONTRACTION; MUSCLE, SMOOTH (innervation); MUSCLES (innervation); ORGAN SPECIFICITY; PRACTOLOL (pharmacodynamics); PROPRANOLOL (pharmacodynamics); RECEPTORS, ADRENERGIC; UTERUS (innervation); VASOMOTOR SYSTEM (physiology).

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ADENOSINE TRIPHOSPHATASE (metabolism); CATTLE; DRUG STABILITY; ELECTROPHORESIS, DISC; HYDROGEN-ION CONCENTRATION; LYSOLECITHIN; MICROSCOPY, ELECTRON; NUCLEOTIDES, CYCLIC (pharmacodynamics); ORGANIDS (drug effects, metabolism); OSMOLAR CONCENTRATION; OUABAIN (pharmacodynamics); PITUITARY GLAND (cytology, drug effects, metabolism, secretion); PROLACTIN (secretion); RIBONUCLEOTIDES (pharmacodynamics); SODIUM DODECYL SULFATE; SOLUBILITY; SOMATOTROPIN (secretion); TEMPERATURE; TIME FACTORS.

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HUMAN CELLULAR IMMUNITY TO LENS LEUKOCYTE MIGRATION INHIBITION BY LENS PROTEIN. HENLEY WL, OKAS S, LEOPOLD IH ARCH INTERN MED 134: 684-8, OCT 74 ENG

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MECHANISMS OF INSULIN ACTION. LEVINE R *ADV METAB DISORD* 7: 183-91, 1974 ENG [59]

ADENOSINE CYCLIC 3,5 MONOPHOSPHATE (metabolism, pharmacodynamics); ADENYL CYCLASE (metabolism); ANIMAL EXPERIMENTS; BINDING SITES; BIOLOGICAL TRANSPORT, ACTIVE; EPINEPHRINE (pharmacodynamics); GLUCAGON (pharmacodynamics); GLUCOSE (metabolism); GLYCOGEN (metabolism); INSULIN (metabolism, pharmacodynamics); KINETICS; LIPASE (metabolism); LIPID MOBILIZATION (drug effects); LIVER (metabolism, drug effects); MODELS, BIOLOGICAL; PROTEIN KINASE (metabolism); RECEPTORS, DRUG (drug effects); RECEPTORS, HORMONE; REVIEW.

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HUMAN PITUITARY GROWTH HORMONE: ISOLATION AND PROPERTIES OF TWO BIOLOGICALLY ACTIVE FRAGMENTS FROM PLASMIN DIGESTS. LI CH, GRAF L *PROC NATL ACAD SCI USA* 71: 1197-201, APR 74 ENG

AMINO ACID SEQUENCE; ANIMAL EXPERIMENTS; AUTOANALYSIS; BIOLOGICAL ASSAY; CHROMATOGRAPHY, DEAE-CELLULOSE; COMPLEMENT FIXATION TESTS; ELECTROPHORESIS, DISC; FIBRINOLYSIS; GEL FILTRATION; HUMAN; HYDROLYSIS; MODELS, STRUCTURAL; PEPTIDE FRAGMENTS (analysis, pharmacodynamics, isolation & purification); PIGEONS; PROLACTIN; RATS; SOMATOTROPIN (analysis); TIBIA (drug effects).

LIBBY CB

THE ROLE OF TRYPTOPHAN IN NEUTRAL FRUCTOSE DIPHOSPHATASE. BENKOVIC SJ, FREY WA, LIBBY CB, VILLAFRANCA JJ *BIOCHEM BIOPHYS RES COMMUN* 57: 196-203, 15 MAR 74 ENG

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5-GUANYLYLMIDODIPHOSPHATE, A POTENT ACTIVATOR OF ADENYLATE CYCLASE SYSTEMS IN EUKARYOTIC CELLS. LONDOS C, SALOMON Y, LIN MC, HARWOOD JP, SCHRAMM M, WOLFF J, RODBELL M *PROC NATL ACAD SCI USA* 71: 3087-90, AUG 74 ENG

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THE EFFECT OF GLUCAGON ON ADENOSINE 3,5-MONOPHOSPHATE (CYCLIC AMP), GLUCOSE, INSULIN AND GROWTH HORMONE IN THE FULL TERM NEWBORN AND CHILDREN. LINARELLI LG, BOBIK C, BOBIK J, DRASH AL, RUBIN HM *J CLIN ENDOCRINOL METAB* 39: 411-7, SEP 74 ENG

ADENOSINE CYCLIC 3,5 MONOPHOSPHATE (urine); AGE FACTORS; BLOOD SUGAR (metabolism); BODY WEIGHT; CHILD; COMPARATIVE STUDY; DOSE-RESPONSE RELATIONSHIP, DRUG; FASTING; GLUCAGON (pharmacodynamics, administration & dosage); HUMAN; INFANT, NEWBORN; INJECTIONS, SUBCUTANEOUS; INSULIN (blood); SOMATOTROPIN (blood); TIME FACTORS.

LINDE S

PREPARATION AND CHARACTERIZATION OF MONOIODINSULIN. LINDE S, HANSEN B *INT J PEPT PROTEIN RES* 6: 157-63, 1974 ENG

ADIPOSE TISSUE (drug effects); ANIMAL EXPERIMENTS; ANTIBODIES; CHROMATOGRAPHY, ION EXCHANGE; DIODOTYROSINE (analysis); ELECTROPHORESIS, DISC; ELECTROPHORESIS, POLYACRYLAMIDE GEL; HYDROLYSIS; IN VITRO; INSULIN (chemical synthesis, analogs & derivatives, pharmacodynamics); IODINE RADIOISOTOPES; IODINE; IODOTYROSINE (analysis); METHODS; PRECIPITIN TESTS; RATS; TYROSINE (analysis).

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STRUCTURAL AND CHEMICAL ASPECTS OF THE INHIBITORS OF MITOCHONDRIAL ATP SYNTHESIS. BEECHY RB, LINDOP CR, BROUGHALL JM, GRIFFITHS DE, HOUGHTON RL *ANN NY ACAD SCI* 227: 542-8, 18 FEB 74 ENG

LINDSEY CA

PLASMA GLUCAGON IN NONKETOTIC HYPEROSMOLAR COMA. LINDSEY CA, FALOONA GR, UNGER RH *JAMA* 229: 1771-3, 23 SEP 74 ENG

BLOOD SUGAR (analysis); DIABETIC COMA (blood, drug therapy); FEMALE; GLUCAGON (blood); HUMAN; INSULIN (therapeutic use); MALE; OSMOLAR CONCENTRATION; RADIOIMMUNOASSAY.

LINKE R

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LIPPERT H

[EFFECT OF HEPARIN ON THE PANCREATIC FUNCTION OF THE DOG] NOWAK W, SILL U, LIPPERT H, HOMMEL H, FISCHER U Z *GESAMTE INN MED* 29: 250-2, 15 MAR 74 GER

LIPPOLD BC

[ABSORPTION OF SULFONAMIDES FROM POLYMETHACRYLIC ACID DERIVATIVES] LIPPOLD BC, LIPPOLD BH *PHARMAZIE* 29: 534-40, AUG 74 GER

ABSORPTION; ACRYLATES; BUFFERS; CARBUTAMIDE; HYDROGEN-ION CONCENTRATION; METHYLGLYCOSIDES (isolation & purification); OSMOLAR CONCENTRATION; POLYMERS; SPECTROPHOTOMETRY, ULTRAVIOLET; SULFANILAMIDE (analogues & derivatives); SULFONAMIDES; TEMPERATURE; UREA (analogues & derivatives).

LIPPOLD BH

[ABSORPTION OF SULFONAMIDES FROM POLYMETHACRYLIC ACID DERIVATIVES] LIPPOLD BC, LIPPOLD BH *PHARMAZIE* 29: 534-40, AUG 74 GER

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ADULT; AGED; BODY WEIGHT; CHOLESTEROL (blood); ELECTROPHORESIS, PAPER; FOLLOW-UP STUDIES; HUMAN; HYPERLIPEMIA (classification, blood); LIPIDS (blood); LIPOPROTEINS (blood); MALE; MIDDLE AGE; PHENOTYPE; PHOSPHOLIPIDS

(blood); STARVATION (blood); TRIGLYCERIDES (blood); ULTRACENTRIFUGATION.

LITTLE JB

RATE OF DNA REPAIR IN PROGERIC AND NORMAL HUMAN FIBROBLASTS. EPSTEIN J, WILLIAMS JR, LITTLE JB *BIOCHEM BIOPHYS RES COMMUN* 59: 850-7, 5 AUG 74 ENG

LJUNGGREN B

CEREBRAL METABOLIC STATE FOLLOWING COMPLETE COMPRESSION ISCHEMIA. LJUNGGREN B, RATCHESON RA, SIESJO BK *BRAIN RES* 73: 291-307, 20 JUN 74 ENG
ADENOSINE (metabolism); ADENOSINE DIPHOSPHATE (metabolism); ADENOSINE MONOPHOSPHATE (metabolism); ADENOSINE TRIPHOSPHATE (metabolism); AMINO ACIDS (metabolism); AMMONIA (metabolism); ANIMAL EXPERIMENTS; ASPARTIC ACID (metabolism); BLOOD PRESSURE; CARBOHYDRATES (metabolism); CARBON DIOXIDE (blood); CEREBRAL CORTEX (physiopathology, metabolism); CEREBRAL ISCHEMIA, TRANSIENT (physiopathology, metabolism); DISEASE MODELS, ANIMAL; ELECTROENCEPHALOGRAPHY; GLUCOSE (metabolism); GLUTAMINE (metabolism); HYDROGEN-ION CONCENTRATION; INTRACRANIAL PRESSURE; KETOGLUTARIC ACID (metabolism); KREBS CYCLE; LACTATES (metabolism); MALATES (metabolism); MITOCHONDRIA (metabolism); NUCLEOTIDASES (metabolism); OXYGEN (blood); PARTIAL PRESSURE; PHOSPHOCREATINE (metabolism); PYRUVATES (metabolism); RATS; TIME FACTORS.

LOCKHART MS

A QUANTITATIVE COMPARISON OF CARBOHYDRATES IN EXPERIMENTALLY INDUCED CONNECTIVE TISSUE OF MAN, DOG AND RAT. WHITE BN, LOCKHART MS, SCHILLING JA *COMP BIOCHEM PHYSIOL* [B] 48: 315-320, 15 JUN 74 ENG

LODYGOWSKA K

[COMBINED TREATMENT OF DIABETIC RETINOPATHY AND ANGIOPATHY WITH STILBESTROL AND TESTOSTERONE] SZPILEWSKI S, LODYGOWSKA K *KLIN OCZNA* 44: 895-9, SEP 74 POL

LOEW H

[PITUITARY GLAND-ADRENAL CORTEX REGULATION IN PATIENTS WITH CHRONIC KIDNEY FAILURE DURING LONGTIME HEMODIALYSIS] HRUBESCH M, WAGNER H, WENNING N, ADAMS M, STURMER H, BOCKEL K, GROTHE G, LOEW H, WESSELS F, HAUSS WH *VERH DTSCH GES INN MED* 79: 731-4, 1973 GER

LOFFLER A

[DIAGNOSIS OF PANCREATIC CARCINOMA] LOFFLER A, STADELMANN O, MIEDERER SE, SOBBA A *DTSCH MED WOCHENSCHR* 99: 1976, 81-3, 4 OCT 74 GER [15]
AGE FACTORS; AMYLASE (urine); ANGIOGRAPHY; COLIC (diagnosis); DIABETES MELLITUS (complications); DIAGNOSIS, DIFFERENTIAL; EMACIATION (diagnosis); GERMANY, WEST; HUMAN; JAUNDICE (diagnosis); PANCREATIC CYST (diagnosis); PANCREATIC NEOPLASMS (diagnosis, occurrence, enzymology, complications, physiopathology); PANCREATITIS (diagnosis); PANCREOZYMIN (diagnostic use); REVIEW; SECRETIN (diagnostic use); SPLENOPORTOGRAPHY.

LOFFLER G

GROUP EXPERIMENTS ON THE RADIOIMMUNOLOGICAL INSULIN DETERMINATION. MARSCHNER I, BOTTERMANN P, ERHARDT F, LINKE R, LOFFLER G, MAIER V, SCHWANDT P, VOGT W, SCRIBA PC *HORM METAB RES* 6: 293-6, JUL 74 ENG

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CHEMICAL COMPOSITION OF ATHEROSCLEROTIC LESIONS OF AORTAS FROM PIGEONS WITH NATURALLY OCCURRING OR CHOLESTEROL-AGGRAVATED ATHEROSCLEROSIS. ST CLAIR RW, TOMA JJ JR, LOFLAND HB *PROC SOC EXP BIOL MED* 146: 1-7, MAY 74 ENG

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PREDICTION OF FETAL LUNG AND KIDNEY MATURITY BY DETERMINATION OF AMNIOTIC FLUID LECITHIN: SPHINGOMYELIN RATIO AND CREATININE CONCENTRATION. PATON RD, LOGAN RW, MACVICAR J *SCOTT MED J* 19: 229-32, SEP 74 ENG

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5-GUANYLYLMIDODIPHOSPHATE, A POTENT ACTIVATOR OF ADENYLATE CYCLASE SYSTEMS IN EUKARYOTIC CELLS. LONDOS C, SALOMON Y, LIN MC, HARWOOD JP, SCHRAMM M, WOLFF J, ROBBELL M *PROC NATL ACAD SCI USA* 71: 3087-90, AUG 74 ENG
ADENYL CYCLASE (metabolism); ADIPOSE TISSUE (enzymology); ADRENAL GLAND NEOPLASMS (enzymology); ADRENAL GLANDS (enzymology); ALLOSTERIC REGULATION (drug effects); ANIMAL EXPERIMENTS; CATTLE; CELL LINE; CELL MEMBRANE (enzymology); ENZYME ACTIVATION (drug effects); EPINEPHRINE (pharmacodynamics); ERYTHROCYTES (enzymology); ESCHERICHIA COLI (enzymology); FLUORIDES (pharmacodynamics); FROGS; GLUCAGON (pharmacodynamics); GUANINE NUCLEOTIDES (pharmacodynamics); GUANOSINE TRIPHOSPHATE (pharmacodynamics); LIVER (enzymology); PROPRANOLOL (pharmacodynamics); RATS; SALMON; STIMULATION, CHEMICAL; THYROID GLAND (enzymology).

LONG JM

CATECHOLAMINES: MEDIATOR OF THE HYPERMETABOLIC RESPONSE TO THERMAL INJURY. WILMORE DW, LONG JM, MASON AD JR, SKREEN RW, PRUITT BA JR *ANN SURG* 180: 653-69, OCT 74 ENG

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LOOGEN F

[ENERGY METABOLISM IN HYPOXIC MYOCARDIUM] KUHN H, MERTENS HM, BREITHARDT G, LOOGEN F, KUBLER W *VERH DTSCH GES INN MED* 79: 1128-30, 1973 GER

LOPATYNSKI J

[OWN OBSERVATIONS ON THE ACTION OF GLIBENCLAMIDE (DAONIL) IN DIABETES] LOPATYNSKI J, HANZLIK J, FIJALKOWSKA A *WIAD LEK* 27: 1465-70, 15 SEP 74 POL
ADULT; AGED; DIABETES MELLITUS (drug therapy); DRUG TOLERANCE; ENGLISH ABSTRACT; FEMALE; GLIBENCLAMIDE (therapeutic use); HUMAN; MALE; MIDDLE AGE.

LOPEZ T

[NEURO-PSYCHIC MANIFESTATIONS OF HYPOGLYCEMIA. APROPOS OF A CASE OF MALIGNANT INSULINOMA] MARTI-VILATA JL, MORELL F, ARRANZ T, ECHE J, SAGRISTA J, LOPEZ T *ACTAS LUSO ESP NEUROL PSQUIATR* 2: 203-10, MAY-JUN 74 SPA

LORENTZEN SE

GLUCOSE, PYRUVATE AND CITRATE CONCENTRATIONS IN THE AQUEOUS HUMOUR OF HUMAN CATARACTOUS EYES. LAURSEN AB, LORENTZEN SE *ACTA OPHTHALMOL (KBH)* 52: 477-89, 1974 ENG

LORENTZON R

A CLINICAL AND HISTOPATHOLOGICAL STUDY OF TWENTY-SEVEN CASES OF URBACH-WIETHE DISEASE. DERMATOLOGIC, GASTROENTEROLOGIC, NEUROPHYSIOLOGIC, OPHTHALMOLOGIC AND ROENTGENDIAGNOSTIC ASPECTS, AS WELL AS THE RESULTS OF SOME CLINICO-CHEMICAL AND HISTOCHEMICAL EXAMINATIONS. HOEFER PA, LARSSON PA, GOLLER H, LAURELL H, LORENTZON R *ACTA PATHOL MICROBIOL SCAND [A]* 0: 1-87, 1974 ENG

LORETI L

THE AUTOREGULATION OF INSULIN SECRETION IN THE ISOLATED PANCREATIC ISLETS OF LEAN (OBOB) AND OBESE-HYPERGLYCEMIC (OBOB) MICE. LORETI L, DUNBAR JC, CHEN S, FOA PP *DIABETOLOGIA* 10: 309-15, AUG 74 ENG
AGE FACTORS; ANIMAL EXPERIMENTS; CELL SEPARATION; CROSS REACTIONS; EXTRACELLULAR SPACE (analysis); FEEDBACK; FEMALE; HYPERGLYCEMIA (metabolism); INSULIN RESISTANCE; INSULIN (secretion, analysis); ISLANDS OF LANGERHANS (secretion, analysis); MALE; MICE, INBRED STRAINS; OBESITY (metabolism); PERFUSION; RATS; SWINE.

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[PROLONGED TREATMENT OF SEVERE HYPOGLYCEMIA WITH DIAZOXIDE] SARIC R, MOREAU F, SEGUIN G, COHEN E, MERLET M, LORIN JC *SEM HOP PARIS* 50: 1497-503, 8 MAY 74 FRE

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ARE GASTRIN-CELLS PRESENT IN MAMMALIAN PANCREATIC ISLETS LOTSTRA F, LOO W VAN DER, GEPTS W *DIABETOLOGIA* 10: 291-302, AUG 74 ENG
ANIMAL EXPERIMENTS; COMPARATIVE STUDY; DOGS; FLUORESCENT ANTIBODY TECHNIC; GASTRIN (metabolism); HISTOCYTOCHEMISTRY; HUMAN; IODINE RADIOISOTOPES; ISLANDS OF LANGERHANS (metabolism, cytology, secretion); METHODS; PANCREAS (cytology, secretion); PEROXIDASES (analysis); PYLORIC ANTRUM (metabolism); RABBITS; RADIOIMMUNOSAY; RATS; SPECIES SPECIFICITY; STAINS AND STAINING; SWINE.

LOUBATIERES AL

TOLBUTAMIDE AND GLUCAGON SECRETION. LOUBATIERES AL, LOUBATIERES-MARIANI MM, ALRIC R, RIBES G *DIABETOLOGIA* 10: 271-6, AUG 74 ENG
ANIMAL EXPERIMENTS; BLOOD SUGAR (analysis); DOGS; GLUCAGON (secretion, blood, antagonists & inhibitors); IN VITRO; INFUSIONS, PARENTERAL; INSULIN (blood); ISLANDS OF LANGERHANS (secretion, drug effects); PERFUSION; STIMULATION, CHEMICAL; TOLBUTAMIDE (pharmacodynamics, administration & dosage).

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LOVE ER

PROCEEDINGS: THE EFFECT OF INSULIN UPON THE MOVEMENT OF GLUCOSE INTO THE SKELETAL MUSCLE OF THE RAT IN VIVO. DANIEL PM, LOVE ER, PRATT OE *J PHYSIOL (LOND)* 239: 90P-91P, JUN 74 ENG

LOW H

SIMILAR EFFECTS OF CALITONIN, INSULIN AND SOMATOMEDIN A ON LIPOLYSIS AND UPTAKE OF CALCIUM AND GLUCOSE IN RAT ADIPOSE TISSUE IN VITRO. WERNER S, HALL K, LOW H *HORM METAB RES* 6: 319-25, JUL 74 ENG

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THE EXPLANATION FOR THE BLOCKADE OF GLYCOLYSIS IN EARLY MOUSE EMBRYOS. BARBEHNN EK, WALES RG, LOWRY OH *PROC NATL ACAD SCI USA* 71: 1056-60, APR 74 ENG

LUBCZYNSKA-KOWALSKA W

[SOME ASPECTS OF CARBOHYDRATE METABOLISM IN PATIENTS WITH DUMPING SYNDROME] LUBCZYNSKA-KOWALSKA W *POL TYG LEK* 29: 1447-50, 19 AUG 74 POL [32]

AMYLASE (metabolism); CARBOHYDRATES (metabolism); DUMPING SYNDROME (metabolism); GASTROINTESTINAL MOTILITY; GLUCAGON (secretion); GLUCOSE TOLERANCE TEST; GLUCOSE (metabolism); GLYCOSURIA; HUMAN; INSULIN (blood); INTESTINAL ABSORPTION; JEJUNUM (metabolism); PANCREAS (secretion); PROSTAGLANDINS; REVIEW; SALIVA (enzymology); SEROTONIN (metabolism).

LUBETZKI J

[PHYSIOLOGY OF INSULIN SECRETION. 1. THE ENERGETIC POINT OF VIEW] DUPREY J, LUBETZKI J *JOURN ANNU DIABETOL HOTEL DIEU* 13: 13-35, 1972 FRE [142]

LUDTKE E

JUVENILE DIABETES MELLITUS AND SECONDARY DISEASE FROM THE CURRENT VIEWPOINT. SCHUKOWSKI H, LUDTKE E, HAUBENREISER H *KINDERAEKZTL PRAX* 42: 114-20, MAR 74 GER

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PERMISSIVE EFFECT OF TESTOSTERONE ON DIETARY ADAPTATION OF JEJUNAL PYRUVATE KINASE IN HYPOGONADAL MALES. LUFKIN EG, STIFEL FB, TEPLICK RS, HERMAN RH *J CLIN ENDOCRINOL METAB* 38: 1130-3, JUN 74 ENG

BIOPSY; DIET; DIETARY CARBOHYDRATES; FRUCTOSE; GLUCOSE; HUMAN; HYPOGONADISM (enzymology); JEJUNUM (enzymology); KLINEFELTERS SYNDROME (enzymology); MALE; PYRUVATE KINASE (metabolism); TESTOSTERONE (pharmacodynamics).

LUFT R

[FACTORS CONTRIBUTING TO DIABETES ONSET IN PREDIABETIC SUBJECTS] LUFT R, CERASI E, WAHREN J *JOURN ANNU DIABETOL HOTEL DIEU* 13: 47-54, 1972 FRE
DIABETES MELLITUS (diagnosis); EXERTION; GLUCOSE TOLERANCE TEST; GLUCOSE (pharmacodynamics, metabolism); GLYCERIN (blood); HUMAN; INSULIN (secretion); LIPIDS (metabolism); LIVER (metabolism); PRE-DIABETIC STATE (metabolism, diagnosis); SECRETORY RATE (drug effects).

DIABETES MELLITUS--A DISEASE OF PANCREATIC AND EXTRAPANCREATIC ORIGIN. CERASI E, LUFT R *ADV METAB DISORD* 7: 193-212, 1974 ENG [55]

GROWTH HORMONE AND DIABETES IN MAN. OLD CONCEPTS--NEW IMPLICATIONS. LUFT R, GUILLEMIN R *DIABETES* 23: 783-7, SEP 74 ENG

ACROMEGALY (complications); DIABETES MELLITUS (etiology, blood); DIABETIC ANGIOPATHIES (etiology); HUMAN; INSULIN (biosynthesis); ISLANDS OF LANGERHANS (metabolism); PITUITARY GLAND (secretion); SOMATOMEDIN (physiology); SOMATOTROPIN (adverse effects, physiology, antagonists & inhibitors, blood, secretion).

LUKE RG

ABNORMAL METABOLISM OF AMINO ACIDS IN URAEMIA. LUKE RG, REES ED, WINTER-NITZ WW, BURCHETT T *PROC EUR DIAL TRANSPLANT ASSOC* 10: 152-9, 1973 ENG

ADULT; AMINO ACIDS (metabolism, diagnostic use); CASEIN (diagnostic use); FEMALE; GLUCOSE TOLERANCE TEST; HUMAN; INSULIN (blood); KIDNEY (physiopathology); MALE; MIDDLE AGE; NITROGEN (diagnostic use); SOMATOTROPIN (blood); TIME FACTORS; UREMIA (metabolism, physiopathology, blood).

LUNDBAEK K

[IS THERE A POSSIBLE ROLE OF A GROWTH HORMONE HYPERSECRETION IN THE COURSE OF THE VASCULAR COMPLICATIONS OF DIABETES MELLITUS] LUNDBAEK K *JOURN ANNU DIABETOL HOTEL DIEU* 13: 161-72, 1972 FRE [22]

BLOOD SUGAR (metabolism); DIABETES MELLITUS (metabolism); DIABETIC ANGIOPATHIES (etiology); EXERTION; GLUCOSE TOLERANCE TEST; HUMAN; HYPOPHYSECTOMY; PITUITARY DISEASES (complications); REVIEW; SECRETORY RATE; SOMATOTROPIN (secretion, blood); VASCULAR RESISTANCE; VISUAL ACUITY.

LUNN JA

EPIDEMIOLOGIC RECONNAISSANCE OF HYPERTENSION IN THE BAHAMAS: WITH SPECIAL REFERENCE TO DEPOFAT COMPOSITION AND ITS IMPLICATIONS IN RELATION TO CARDIOVASCULAR DISEASE PREVALENCE. LUNN JA, MIRIDJANI AN A, FONTARES P, JACOBS E, ROSEN S, CHRISTAKIS G *MT SINAI J MED NY* 41: 444-52, MAY-JUN 74 ENG

ADIPOSE TISSUE (metabolism); ADOLESCENCE; ADULT; AGED; ARTERIOSCLEROSIS (mortality, occurrence); ASPIRATION; AUTOPSY; BAHAMAS; BLOOD PRESSURE; CHILD; COMPARATIVE STUDY; CORONARY DISEASE (etiology, mortality, occurrence); DIETARY FATS; FATTY ACIDS (analysis); HUMAN; HYPERTENSION (complications, drug therapy, pathology, occurrence); IOWA; LINOLEIC ACID (analysis, therapeutic use); MALE; MIDDLE AGE; NEW YORK; PALMITIC ACID (analysis); UNITED STATES.

LUYCKX A

[GLUCAGON AND ENERGETIC SUBSTRATES] LEFEBVRE P, LUYCKX A *JOURN ANNU DIABETOL HOTEL DIEU* 13: 93-107, 1972 FRE [62]

LUYCKX AS

EFFECT OF L8027, A NEW POTENT INHIBITOR OF PROSTAGLANDIN BIOSYNTHESIS, ON THE METABOLISM AND RESPONSE TO GLUCAGON OF RAT ADIPOSE TISSUE. LEFEBVRE PJ, LUYCKX AS *BIOCHEM PHARMACOL* 23: 2119-25, AUG 74 ENG

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HL-A ANTIGENS AND DIABETES MELLITUS. NERUP J, PLATZ P, ANDERSEN OO, CHRISTY M, LYNGSOE J, POULSEN JE, RYDER LP, NIELSEN LS, THOMSEN M, SVEJGAARD A *LANCET* 2: 864-6, 12 OCT 74 ENG

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HEXOSE TRANSPORT IN ISOLATED BROWN FAT CELLS. A MODEL SYSTEM FOR INVESTIGATING INSULIN ACTION ON MEMBRANE TRANSPORT. CZECH MP, LAWRENCE JC JR, LYNN WS *ARCH GEN PSYCHIATRY* 31: 5421-7, SEP 74 ENG

MA D

FORMATION OF A NOVEL NUCLEOTIDE BY FAT CELL PREPARATIONS CONTAINING ADENYLATE CYCLASE. PETRACK B, MA D, SHEPPY F *J BIOL CHEM* 249: 3661-3, 10 JUN 74 ENG

MCCLEAVE DJ

RELIABILITY OF BLOOD SUGAR REAGENT STRIPS. MCCLEAVE DJ *ANAESTH INTENSIVE CARE* 2: 256-9, AUG 74 ENG
AUTOANALYSIS; BLOOD SUGAR (analysis); COMPARATIVE STUDY; DIAGNOSTIC ERRORS; DRUG STABILITY; HUMAN; HYPOGLYCEMIA (diagnosis); INDICATORS AND REAGENTS (standards); METHODS; REAGENT STRIPS (standards).

MCCORMICK JS

CARCINOMA OF THE PANCREAS. MCCORMICK JS, THOMSON JW *J R COLL SURG EDINB* 19: 286-91, SEP 74 ENG

ADULT; AGED; CHOLELITHIASIS (complications); DIABETES MELLITUS (complications); FEMALE; GLYCOSURIA (complications); HUMAN; MALE; MIDDLE AGE; PANCREATIC NEOPLASMS (complications, surgery, diagnosis, pathology, mortality).

MCCREARY SA

DISTRIBUTION OF HUMAN PLACENTAL LACTOGEN IN THE LAST HALF OF NORMAL AND COMPLICATED PREGNANCIES. SPELACY WN, BUHI WC, BIRK SA, MCCREARY SA *AM J OBSTET GYNECOL* 120: 214-23, 15 SEP 74 ENG

MCDANIEL ML

EFFECT OF CYTOCHALASIN B ON HEXOSE TRANSPORT AND GLUCOSE METABOLISM IN PANCREATIC ISLETS. MCDANIEL ML, KING S, ANDERSON S, FINK J, LACY PE *DIABETOLOGIA* 10: 303-8, AUG 74 ENG

ANIMAL EXPERIMENTS; BIOLOGICAL TRANSPORT, ACTIVE (drug effects); CARBON DIOXIDE (biosynthesis); CARBON RADIOISOTOPES; CELL MEMBRANE PERMEABILITY; CELL SEPARATION; CLOSTRIDIOPOLYMERASE A; CYTOCHALASIN B (pharmacodynamics); DIMETHYL SULFOXIDE; EXTRACELLULAR SPACE; GLUCOSE (metabolism); HEXOSES (metabolism); ISLANDS OF LANGERHANS (metabolism, drug effects); MALE; RATS; SUCROSE (metabolism); TEMPERATURE.

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HULSMANS HA *TRANSPLANT PROC* 6: 319-22, SEP 74 ENG

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ADIPOSE TISSUE (metabolism); ANIMAL EXPERIMENTS; BLOOD SUGAR; CARBON RADIOISOTOPES; CHOLESTEROL (blood); DIETARY CARBOHYDRATES (metabolism); DIETARY PROTEINS (metabolism); EATING; FASTING; FATS (metabolism); FRUCTOSE (metabolism); GLUCOSE (metabolism); HUMAN; LIPIDS (blood); MYOCARDIAL INFARCT (etiology); PHOSPHOLIPIDS (blood); SEX FACTORS; SPECIES SPECIFICITY; SUCROSE (pharmacodynamics); TIME FACTORS; TRIGLYCERIDES (blood).

MACDONALD MK

GENERALIZED HYPERSENSITIVITY REACTION AND VISCERAL ARTERITIS WITH FATAL OUTCOME DURING GLIBENCLAMIDE THERAPY. CLARKE BF, CAMPBELL IW, EWING DJ, BEVERIDGE GW, MACDONALD MK *DIABETES* 23: 739-42, SEP 74 ENG

MCFADDEN RB

NATURAL AND UNNATURAL HISTORY OF ACUTE CORONARY ARTERY DISEASE. MCFADDEN RB, JAHNKE EJ JR, VOGEL JH *ADV CARDIOL* 11: 136-42, 1974 ENG
ACUTE DISEASE; ADULT; AGED; ANGINA PECTORIS (complications); ANGIOCARDIOGRAPHY; CHRONIC DISEASE; CORONARY DISEASE (surgery, etiology, complications); CORONARY VESSELS (surgery); DIABETES MELLITUS (complications); ELECTROCARDIOGRAPHY; FEMALE; FOLLOW-UP STUDIES; HEART CATHETERIZATION; HUMAN; HYPERLIPIDEMIA (complications); MALE; MIDDLE AGE; MYOCARDIAL INFARCT (complications); MYOCARDIAL REVASCULARIZATION.

MCFIELD JR

ADENOSINE DIPHOSPHATE-INDUCED PLATELET AGGREGATION OF HOSPITALIZED MEN. DAVIS JW, YUE KT, PHILLIPS PE, MCFIELD JR *SCAND J HAEMATOL* 13: 17-23, 1974 ENG

MCGILVRA R

ADRENOCORTICOTROPIC AND GROWTH HORMONE SECRETION. STUDIES DURING PNEUMOENCEPHALOGRAPHY. ALLEN JP, KENDALL JW, MCGILVRA R, LAMORENA TL, CASTRO A *ARCH NEUROL* 31: 325-8, NOV 74 ENG

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ANIMAL EXPERIMENTS; BABOONS; CAT-TLE; CHEMISTRY; FEMALE; FETUS (physiology); HUMAN; HYPOTHALAMUS (secretion); INFANT, NEWBORN; MALE; MONKEYS; PEPTIDES (pharmacodynamics); PROLACTIN (blood); RABBITS; RATS; SOMATOMEDIN (blood); SOMATOTROPIN (analysis, blood, physiology, secretion, therapeutic use); SOMATOTROPIN RELEASING HORMONE (antagonists & inhibitors); THYROTROPIN (antagonists & inhibitors).

MCMAMARA DJ

GLUCAGON-MEDIATED CHANGES IN THE CONCENTRATION OF RAT HEPATIC TYROSINE TRANSAMINASE: AN IMMUNOCHEMICAL ANALYSIS. MCMAMARA DJ, WEBB TE *ARCH BIOCHEM BIOPHYS* 163: 776-83, AUG 74 ENG

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MACVICAR J

PREDICTION OF FETAL LUNG AND KIDNEY MATURITY BY DETERMINATION OF AMNIOTIC FLUID LECITHIN: SPHINGOMYELIN RATIO AND CREATININE CONCENTRATION. PATON RD, LOGAN RW, MACVICAR J *SCOTT MED J* 19: 229-32, SEP 74 ENG

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DYNAMICS OF IN-VITRO GLUCOSE UPTAKE BY HEMIDIAPHRAGM OF WHITE RATS WITH WALKER 256 CARCINOSARCOMA. TOMA V, MADAR J *NATURWISSENSCHAFTEN* 61: 173, APR 74 ENG

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[ASYMPTOMATIC HYPOGLYCEMIA IN PREMATURES FROM THE POINT OF VIEW OF DIFFERENT METHODS OF GLUCOSE DETERMINATION IN BLOOD (AUTHORS TRANSL)] JAROSCH E, RICHTER H, MADREITER H *PAEDIATR PAEDOL* 9: 247-51, 1974 GER

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MAFFEI F

PLATELET LIPID MODIFICATIONS INDUCED BY FATTY ACIDS. EXPERIMENTAL STUDIES AND CORRELATIONS WITH HUMAN NEUROPATHOLOGY. ANDREOLI VM, MAFFEI F, TONON GC *HAEMOSTASIS* 2: 118-40, 1973-74 ENG [59]

MAHLER RJ

THE PATHOGENESIS OF PANCREATIC ISLET CELL HYPERPLASIA AND INSULIN INSENSITIVITY IN OBESITY. MAHLER RJ *ADV METAB DISORD* 7: 213-41, 1974 ENG [126]
ADRENAL CORTEX (metabolism); AMINO ACIDS (pharmacodynamics); BIOLOGICAL TRANSPORT, ACTIVE; EPINEPHRINE (pharmacodynamics); FATTY ACIDS, NONESTERIFIED (pharmacodynamics, metabolism); GENES; GLUCAGON (metabolism, pharmacodynamics); GLUCOSE (pharmacodynamics, metabolism); HUMAN; HYDROCORTISONE

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THE STIMULUS-SECRETION COUPLING OF GLUCOSE-INDUCED INSULIN RELEASE. SORBITOL METABOLISM IN ISOLATED ISLETS. MALAISSE WJ, SENER A, MAHY M *EUR J BIOCHEM* 47: 365-70, 1 SEP 74 ENG

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BIOLOGICAL ACTIVITY OF SYNTHETIC HUMAN CORTICOTROPIN WITH REVISED AMINO ACID SEQUENCE. SCHENKEL-HULIGER L, MAIER R, BARTHE PL, DESAULLES PA, JARRET A, RINKER B, RITTEL W, SIEBER P *ACTA ENDOCRINOL (KBH)* 75: 24-32, JAN 74 ENG

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MAITRA US

THE MECHANISM OF URIDINE DIPHOSPHATE-SUGAR-4-EPIMERASE REACTIONS. ISOTOPE DISCRIMINATION WITH 4-TRITIATED SUBSTRATES. MAITRA US, GAUNT MA, ANKEL H *J CLIN INVEST* 53: 3075-8, JUN 74 ENG

ALGAE, BLUE-GREEN (enzymology); CARBOHYDRATE ISOMERASES (metabolism); CARBON RADIOISOTOPES; CHROMATOGRAPHY, PAPER; ELECTROPHORESIS, PAPER; ESCHERICHIA COLI (enzymology); GALACTOSE (metabolism); GLUCOSE (metabolism); GLUCURONATES (metabolism); ISOTOPE LABELING; KINETICS; PROTEIN BINDING; PROTEIN CONFORMATION; STRUCTURE-ACTIVITY RELATIONSHIP; TRITIUM; URIDINE DIPHOSPHATE SUGARS (metabolism); XYLOSE (metabolism).

MAIZEL EP

[OVARIAN FUNCTION IN WOMEN OF REPRODUCTIVE AGE WITH DISTURBED TOLERANCE TO GLUCOSE] MAIZEL EP, SAVCHENKO ON, KHRUSTALEVA GF, SOKOLOV EG, KONRADI LJ *AKUSH GINEKOL (MOSK)* 0: 27-31, AUG 74 RUSS
ADOLESCENCE; ADULT; DIABETES MELLITUS (physiopathology, complications); ENGLISH ABSTRACT; FEMALE; GLUCOSE TOLERANCE TEST; HUMAN; MENSTRUATION DISORDERS (etiology); OVARY (physiopathology).

MAKHOLOUF GM

DIFFERENT EFFECTS OF HORMONAL PEP-TIDES AND CYCLIC ADENOSINE 3,5-MONOPHOSPHATE ON COLONIC TRANSPORT IN VITRO. YAU WM, MAKHOLOUF GM *GASTROENTEROLOGY* 67: 662-7, OCT 74 ENG

MALAISSE WJ

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ALCOHOLS; ANIMAL EXPERIMENTS; FEMALE; FRUCTOSE (pharmacodynamics); GALACTOSE (pharmacodynamics); GLUCOSE (pharmacodynamics); GLUTARATES (pharmacodynamics); IN VITRO; INSULIN (secretion); ISLANDS OF LANGERHANS

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MALVAUX P

CATIONIC ENVIRONMENT AND DYNAMICS OF INSULIN SECRETION. I. EFFECT OF LOW CONCENTRATIONS OF SODIUM. LAMBERT AE, HENQUIN JC, MALVAUX P *ENDOCRINOLOGY* 95: 1069-77, OCT 74 ENG
SUBCUTANEOUS ADIPOSE TISSUE AND LIPIDS IN BLOOD IN GROWTH HORMONE DEFICIENCY BEFORE AND AFTER TREATMENT WITH HUMAN GROWTH HORMONE. BONNET F, VANDERSCHUUREN-LODEWEYCKX M, ECKELS R, MALVAUX P *PEDIATR RES* 8: 800-5, SEP 74 ENG

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STIMULATION OF PROLACTIN RELEASE IN VIVO BY THYROTROPIN-RELEASING HORMONE (TRH) THROUGH DIRECT ACTION ON THE ECTOPIC RAT PITUITARY. PORTEUS SE, MALVEN PV *ENDOCRINOLOGY* 94: 1699-703, JUN 74 ENG

MANDART G

[VARIATIONS OF BASAL AND POST-STIMULATIVE INSULIN BLOOD LEVELS, DURING PROLONGED TREATMENT WITH HYPOGLYCEMIC SULFAMIDES] PIRART J, LAUVAUX JP, MANDART G *JOURN ANNU DIABETOL HOTEL DIEU* 13: 67-79, 1972 FRE [67]

MANDEREAU J

[PROPERTIES OF ERYTHROCYTE PHOSPHOFRUCTOKINASE IN NORMAL HUMANS] MANDEREAU J, BOIVIN P *BIOCHIMIE* 55: 1341-51, 1973 FRE
ADENOSINE CYCLIC 3,5 MONOPHOSPHATE (pharmacodynamics); ADENOSINE DIPHOSPHATE (pharmacodynamics); ADENOSINE MONOPHOSPHATE (pharmacodynamics); ADENOSINE TRIPHOSPHATE (pharmacodynamics); ALLOSTERIC REGULATION; AMMONIUM SULFATE; BINDING SITES; CHROMATOGRAPHY, DEAE-CELLULOSE; CITRATES (pharmacodynamics); DIPHOSPHOGLYCERIC ACIDS (pharmacodynamics); ENGLISH ABSTRACT; ENZYME ACTIVATION; ERYTHROCYTES (enzymology); FRUCTOSEPHOSPHATES (pharmacodynamics); HUMAN; HYDROGEN-ION CONCENTRATION; KINETICS; LIGANDS; MAGNESIUM (pharmacodynamics); PHOSPHOFRUCTOKINASE (antagonists & inhibitors, isolation & purification, metabolism, blood); PRECIPITATION.

MARCHANT L

MORPHOLOGY OF CHOLESTERYL ESTER- RICH INCLUSIONS IN LESIONS OF ATHEROSCLEROSIS IN MAN. INSULL W JR, HATA Y, MEAKIN JD, MARCHANT L, ANDREWS CW, BUZEK B *ATHEROSCLEROSIS* 19: 555-60, MAY-JUN 74 ENG

MARCUS F

FISH LIVER FRUCTOSE 1,6-DIPHOSPHATASE. II. NEUTRAL AND ALKALINE FORMS. GONZALEZ F, GONZALEZ AM, MARCUS F *COMP BIOCHEM PHYSIOL [B]* 48: 67-73, 15 MAY 74 ENG

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SLEEP-ASSOCIATED GROWTH HORMONE (GH) RELEASE IN SCHIZOPHRENIA. VIGNERI R, PEZZINO V, SQUATRITO S, CALANDRA A, MARICCHIOLO M *NEUROENDOCRINOLOGY* 14: 356-61, 1974 ENG

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THYROTROPIN-RELEASING HORMONE STIMULATION AND SOMATOSTATIN INHIBITION OF GROWTH HORMONE SECRETION FROM PERFUSED RAT ADENOHYPOPHYSES. CARLSON HE, MARIZ IK, DAUGHADAY WH *ENDOCRINOLOGY* 94: 1709-13, JUN 74 ENG

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NEW METHOD OF CALCULATING EVOLUTIONARY RATES OF PROTEINS APPLIED TO INSULIN AND C-PEPTIDES. MARKUSSEN J, VOLUND A *INT J PEPT PROTEIN RES* 6: 79-86, 1974 ENG
AMINO ACIDS (analysis); ANIMAL EXPERIMENTS; CATTLE; DOGS; DUCKS; EVOLUTION; GENETIC CODE; GUINEA PIGS; HORSES; HUMAN; INSULIN (analysis); METHODS; NUCLEOTIDES (analysis); PEPTIDES (analysis); RATS; REGRESSION ANALYSIS; SWINE.

MAROKO PR

REDUCTION OF INFARCT SIZE FOLLOWING CORONARY OCCLUSION. BRAUNWALD E, MAROKO PR, LIBBY P *CIRC RES* 35: 192-201, SEP 74 ENG [30]

MARQUIE G

[DECREASE OF THE INCORPORATION OF CHOLESTEROL-C 14 IN THE AORTA AFTER ADMINISTRATION OF DIMETHYLBIGUANIDE IN NORMAL RABBITS] LAFONTAN M, AGID R, MARQUIE G *C R ACAD SCI [D] (PARIS)* 278: 3103-5, 10 JUN 74 FRE

MARSCHNER I

GROUP EXPERIMENTS ON THE RADIOIMMUNOLOGICAL INSULIN DETERMINATION. MARSCHNER I, BOTTERMANN P, ERHARDT F, LINKE R, LOFFLER G, MAIER V, SCHWANDT P, VOGT W, SCRIBA PC *HORM METAB RES* 6: 293-6, JUL 74 ENG
CELLULOSE; CHARCOAL; CHROMATOGRAPHY, AFFINITY; CHROMATOGRAPHY, ION EXCHANGE; COMPARATIVE STUDY; DEXTRAN; EVALUATION STUDIES; GEL FILTRATION; GLUCOSE TOLERANCE TEST; HUMAN; INSULIN ANTIBODIES; INSULIN (blood, immunology); METHODS; RADIOIMMUNOASSAY; SEPHAROSE; TIME FACTORS; ULTRAFILTRATION.

MARSHALL M

[EFFECT OF BETA PYRIDYLCARBINOL ON BLOOD SUGAR, INSULIN, POTASSIUM, FREE FATTY ACIDS AND HEMATOCRIT IN THE MINIATURE PIG] MARSHALL M, SCHMIDT G, SPRANDEL U *ZENTRALBL VETERINAER MED [A]* 21: 492-8, JUN 74 GER
ALCOHOL, METHYL (pharmacodynamics); ANIMAL EXPERIMENTS; ANIMALS, LABORATORY; ANTICHOLESTEREMIC AGENTS; BLOOD CHEMICAL ANALYSIS (veterinary); ENGLISH ABSTRACT; FATTY ACIDS, NONESTERIFIED (blood); HEMATOCRIT; INSULIN (blood); POTASSIUM (blood); PYRIDINES (pharmacodynamics); SPECIES SPECIFICITY; SWINE.

MARTI-VILALTA JL

[NEURO-PSYCHIC MANIFESTATIONS OF HYPOGLYCEMIA. APROPOS OF A CASE OF MALIGNANT INSULINOMA] MARTI-VILALTA JL, MORELL F, ARRANZ T, ECHE J, SAGRISTA J, LOPEZ T *ACTAS LUSO ESP NEUROL PSYQUIATR* 2: 203-10, MAY-JUN 74 SPA
DIAGNOSIS, DIFFERENTIAL; ENGLISH ABSTRACT; FEMALE; HUMAN; HYPOGLYCEMIA (complications, etiology); ISLET CELL TUMOR (complications); MENTAL DISORDERS (etiology); MIDDLE AGE; NEUROLOGIC MANIFESTATIONS; PANCREATIC NEOPLASMS (complications).

MARTIN FI

INSULIN SECRETION IN MALIGNANT HYPERTENSIA. DENBOROUGH MA, WARNE GL, MOULDS RF, MARTIN FI *BR MED J* 3: 493-5, 24 AUG 74 ENG

MARTIN JB

CORTICOSTERONE, PROLACTIN, AND GROWTH HORMONE RESPONSES TO HANDLING AND NEW ENVIRONMENT IN THE RAT. BROWN GM, MARTIN JB *PSYCHOSOM MED* 36: 241-7, MAY-JUN 74 ENG

MARTIN RJ

IN VIVO LIPOGENESIS AND ENZYME LEVELS IN ADIPOSE AND LIVER TISSUES FROM PAIR-FED GENETICALLY OBESE AND LEAN RATS. MARTIN RJ *LIFE SCI* 14: 1447-53, 16 APR 74 ENG

ACETATES (metabolism); ADIPOSE TISSUE (enzymology); ALANINE AMINOTRANSFERASE (metabolism); ANIMAL EXPERIMENTS; ATP CITRATE LYASE (metabolism); BODY WEIGHT; CARBON RADIOISOTOPES; COMPARATIVE STUDY; EPIDIDYMIS; GLUCOSEPHOSPHATE DEHYDROGENASE (metabolism); GLYCEROLPHOSPHATE DEHYDROGENASE (metabolism); HEXOSEDIPHOSPHATASE (metabolism); LIPIDS (biosynthesis); LIVER (enzymology); MALATE DEHYDROGENASE (metabolism); MALE; OBESITY (familial & genetic, enzymology); ORGAN SPECIFICITY; ORGAN WEIGHT; PHOSPHOGLUCONATE DEHYDROGENASE (metabolism); RATS; SERINE DEHYDRATASE (metabolism).

MARTONOSI A

ELEMENTARY PROCESSES IN THE HYDROLYSIS OF ATP BY SARCOPLASMIC RETICULUM MEMBRANES. MARTONOSI A, LAGWINSKA E, OLIVER M *ANN NY ACAD SCI* 227: 549-67, 18 FEB 74 ENG

ADENOSINE TRIPHOSPHATE (metabolism); ANIMAL EXPERIMENTS; BIOLOGICAL TRANSPORT, ACTIVE; CALCIUM (metabolism); CHELATING AGENTS; KINETICS; LIPIDS (metabolism); MEMBRANES (metabolism); ORGANOPHOSPHORUS COMPOUNDS; PHOSPHOPROTEINS (biosynthesis, metabolism); PHOSPHORUS RADIOISOTOPES; RABBITS; SARCOPLASMIC RETICULUM (metabolism); TEMPERATURE; TIME FACTORS.

MARUBBIO AT JR

MONOGLYCERIDE MODIFICATION OF JEJUNAL ABSORPTION OF FATTY ACID IN THE RAT. MARUBBIO AT JR, MORRIS JA JR, CLARK SB, HOLT PR *J LIPID RES* 15: 165-72, MAR 74 ENG

ANIMAL EXPERIMENTS; BIOLOGICAL TRANSPORT; CARBON RADIOISOTOPES; CHROMATOGRAPHY, THIN LAYER; GLYCERIDES (pharmacodynamics); IN VITRO; INTESTINAL ABSORPTION; INTESTINAL MUCOSA (drug effects, metabolism); JEJUNUM (drug effects, metabolism); MALE; OLEIC ACID (metabolism); RATS; TEMPERATURE; TIME FACTORS; TRITIUM.

MARUGO M

[BEHAVIOR OF SOMATOMEDIN IN OBESE SUBJECTS] GIORDANO G, FOPPIANI E, MINUTO F, COMASCHI M, MARUGO M *BOLL SOC ITAL BIOL SPER* 49: 1236-41, 15 NOV 73 ITA

MASALA A

EFFECT OF L-DOPA ON PLASMA HGH, LH, FSH AND 11-OH-CS IN NORMAL ADULT SUBJECTS. DELITALA G, MASALA A, ROLANDI E *FOVIA ENDOCRINOL (ROMA)* 27: 279-89, JUN 74 ENG

MASI AT

EFFECT OF LOW-DOSE CORTISOL THERAPY ON EPINEPHRINE EXCRETION IN MAN. DUCKWORTH WC, MASI AT, KITABCHI AE *J CLIN ENDOCRINOL METAB* 39: 750-3, OCT 74 ENG

MASON AD JR

CATECHOLAMINES: MEDIATOR OF THE HYPERMETABOLIC RESPONSE TO THERMAL INJURY. WILMORE DW, LONG JM, MASON AD JR, SKREEN RW, PRUITT BA JR *ANN SURG* 180: 653-69, OCT 74 ENG

MASUYAMA T

SIMULTANEOUS EVALUATION OF THE PITUITARY RESERVE OF GH, TSH, ACTH AND LH IN CHILDREN. SATO T, INOUE M, MASUYAMA T, SUZUKI Y, IZUMISAWA A *J CLIN ENDOCRINOL METAB* 39: 595-9, SEP 74 ENG

MATHEW G

HYPERURICEMIA IN A CHILD: A COMPLICATION OF TREATMENT OF OBESITY. MATHEW G, LIFSHITZ F *PEDIATRICS* 54: 370-1, SEP 74 ENG

ACETONE (urine); BLOOD CHEMICAL ANALYSIS; BODY HEIGHT; BODY WEIGHT; CHILD; DEXTRO AMPHETAMINE (therapeutic use); DIABETES MELLITUS (familial & genetic); DIET, REDUCING; DIETARY CARBOHYDRATES (administration & dosage); FEMALE; HUMAN; KETONES (urine); OBESITY (diet therapy, drug therapy); URIC ACID (blood); URINE (analysis).

MATSUMURA Y

THE PROTECTIVE EFFECTS OF NUCLEOTIDES ON THE HISTAMINE HYPERSENSITIVITY OF BORDETELLA PERTUSSIS-TREATED MICE. MATSUMURA Y, VAUGHAN JH, TAN EM *J ALLERGY CLIN IMMUNOL* 54: 191-9, OCT 74 ENG

ADENOSINE CYCLIC 3,5 MONOPHOSPHATE (therapeutic use); ADENOSINE DIPHOSPHATE (therapeutic use); ADENOSINE MONOPHOSPHATE (therapeutic use); ADENOSINE TRIPHOSPHATE (adverse effects, therapeutic use); ANAPHYLAXIS (prevention & control); ANIMAL EXPERIMENTS; BORDETELLA PERTUSSIS (immunology); CORTICOSTERONE (therapeutic use); DEOXYRIBONUCLEOTIDES (therapeutic use); DIBUTYRYL CYCLIC AMP (therapeutic use); FEMALE; GUANOSINE CYCLIC 3,5 MONOPHOSPHATE (therapeutic use); HISTAMINE; HYPERSENSITIVITY, IMMEDIATE (prevention & control); HYPOGLYCEMIA (etiology); INOSINE PHOSPHATES (therapeutic use); MICE; NUCLEOTIDES (therapeutic use); PROSTAGLANDINS (therapeutic use); SPLEEN (immunology); THYMIDINE PHOSPHATES (therapeutic use); THYMUS GLAND (immunology); TIME FACTORS.

MATZKIES F

[INFUSION DOSE LIMITS OF GLUCOSE, SORBITOL, FRUCTOSE XYLITOL AND THEIR MIXTURES (AUTHORS TRANSL)] BERG G, MATZKIES F, BICKEL H *DTSCH MED WOCHENSCHR* 99: 633-8, 29 MAR 74 GER

[ENDOCRINE SECRETORY DISORDERS IN CHRONIC PANCREATITIS (AUTHORS TRANSL)] GRABNER W, PHILLIP J, MAYER A, DANIEL U, MATZKIES F *DTSCH MED WOCHENSCHR* 99: 445-8, 8 MAR 74 GER

MAUER SM

PANCREATIC ISLET TRANSPLANTATION. EFFECTS ON THE GLOMERULAR LESIONS OF EXPERIMENTAL DIABETES IN THE RAT. MAUER SM, SUTHERLAND DE, STEFFES MW, LEONARD RJ, NAJARIAN JS,

MICHAEL AF, BROWN DM *DIABETES* 23: 748-53, SEP 74 ENG

ANIMAL EXPERIMENTS; BIOPSY; COMPLEMENT (analysis); DIABETES MELLITUS (therapy, chemically induced); DIABETIC NEPHROPATHIES (therapy); IGG (analysis); IGM (analysis); ISLANDS OF LANGERHANS (transplantation); KIDNEY GLOMERULUS (pathology, immunology); MICROSCOPY, FLUORESCENCE; RATS, INBRED LEW; STREPTOZOTOCIN; TIME FACTORS; TRANSPLANTATION, HOMOLOGOUS.

MAUGHAN GB

EFFECT OF DIABETES IN PREGNANCY ON RAT MATERNAL LIVER DELTA 4-3 KETONE-STEROID REDUCTASE. SYBULSKI S, MAUGHAN GB *EXPERIENTIA* 30: 1091-2, 15 SEP 74 ENG

MAUZERALL D

INTERFACIAL PHOTOREACTIONS AND CHEMICAL CAPACITANCE IN LIPID BILAYERS. HONG FT, MAUZERALL D *PROC NATL ACAD SCI USA* 71: 1564-8, APR 74 ENG

MAXWELL GM

GENERAL AND CORONARY HAEMODYNAMIC EFFECTS OF TWEEN 20. BURNELL RH, MAXWELL GM *AUST J EXP BIOL MED SCI* 52: 151-6, FEB 74 ENG

MAYER A

[ENDOCRINE SECRETORY DISORDERS IN CHRONIC PANCREATITIS (AUTHORS TRANSL)] GRABNER W, PHILLIP J, MAYER A, DANIEL U, MATZKIES F *DTSCH MED WOCHENSCHR* 99: 445-8, 8 MAR 74 GER

MAZURKIEWICZ-ROZY-57NSKA E

[ACCURACY OF SELF-ADMINISTERED INSULIN DOSES] MAZURKIEWICZ-ROZY-57NSKA E, SZAJEWSKI JM *POL TYG LEK* 29: 1513-4, 25 SEP 74 POL

DIABETES MELLITUS (drug therapy); ENGLISH ABSTRACT; HUMAN; INSULIN (administration & dosage, therapeutic use); SELF MEDICATION.

MCCARTY R

CORONARY ARTERY DISEASE IN YOUNG PATIENTS: ARTERIOGRAPHIC AND CLINICAL REVIEW OF 40 CASES AGED 35 AND UNDER. DAVIA JE, HALLAL FJ, CHEITLIN MD, GREGORATOS G, MCCARTY R, FOOTE W *AM HEART J* 87: 689-96, JUN 74 ENG

MCGREGOR P

EFFECTS OF A PROLONGED 3-HOUR SLEEP-WAKE CYCLE ON SLEEP STAGES, PLASMA CORTISOL, GROWTH HORMONE AND BODY TEMPERATURE IN MAN. WEITZMAN ED, NOGUEIRA C, PERLOW M, FUKUSHIMA D, SASSIN J, MCGREGOR P, HELLMAN L *J CLIN ENDOCRINOL METAB* 38: 1018-30, JUN 74 ENG

MCINTYRE HB

RADIOIMMUNOASSAY OF RABBIT GROWTH HORMONE. MCINTYRE HB, ODELL WD, REICHERT LE *ENDOCRINOLOGY* 94: 1568-76, JUN 74 ENG

MCPHERSON K

THE FREQUENCY DISTRIBUTIONS OF COMMONLY DETERMINED BLOOD CONSTITUENTS IN HEALTHY BLOOD DONORS.

FLYNN FV, PIPER KA, GARCIA-WEBB P, MCPHERSON K, HEALY MJ *CLIN CHIM ACTA* 52: 163-71, APR 74 ENG

MEAKIN JD

MORPHOLOGY OF CHOLESTERYL ESTER-RICH INCLUSIONS IN LESIONS OF ATHEROSCLEROSIS IN MAN. INSULL W JR, HATA Y, MEAKIN JD, MARCHANT L, ANDREWS CW, BUZEK B *ATHEROSCLEROSIS* 19: 555-60, MAY-JUN 74 ENG

MEARS GJ

CORRELATION OF FOOD INTAKE IN LAMBS WITH ADIPOCYTE GLUCOSE METABOLISM AND NEFA RELEASE. MEARS GJ, MENDEL VE *J PHYSIOL (LOND)* 240: 625-37, AUG 74 ENG

ADIPOSE TISSUE (metabolism, cytology, drug effects, secretion); ANIMAL EXPERIMENTS; BODY WEIGHT; EATING; EPINEPHRINE (pharmacodynamics); FATTY ACIDS, NONESTERIFIED (secretion); GLUCOSE (metabolism, pharmacodynamics); IN VITRO; INSULIN (pharmacodynamics); LIPID MOBILIZATION; SHEEP.

GLUCOSE METABOLISM AND LIPID MOBILIZATION BY ADIPOCYTES FROM MICE SELECTED FOR GROWTH. MEARS GJ, MENDEL VE *J PHYSIOL (LOND)* 240: 609-24, AUG 74 ENG

ADIPOSE TISSUE (metabolism, cytology, drug effects); ANIMAL EXPERIMENTS; BODY WEIGHT; DOSE-RESPONSE RELATIONSHIP, DRUG; EATING; EPIDIDYMS (metabolism); EPINEPHRINE (pharmacodynamics); FATTY ACIDS, NONESTERIFIED (metabolism); GENOTYPE; GLUCOSE (metabolism, pharmacodynamics); GLYCERIN (metabolism); GROWTH; IN VITRO; INSULIN (pharmacodynamics); LIPID MOBILIZATION; MALE; MICE; STIMULATION, CHEMICAL.

MEHLHORN R

CHANGES IN MEMBRANE LIPID STRUCTURE OF ILLUMINATED CHLOROPLASTS: STUDIES WITH SPIN-LABELED AND FREEZE-FRACTURED MEMBRANES. TORRES-PEIREIRA J, MEHLHORN R, KEITH AD, PACKER L *ARCH BIOCHEM BIOPHYS* 160: 90-9, JAN 74 ENG

MEHNERT H

[DIETARY AND METABOLIC PROBLEMS OF WEIGHT REDUCTION IN PATIENTS WITH DIABETES] MEHNERT H *DTSCH MED WOCHENSCHR* 99: 1739-42, 30 AUG 74 GER

ADULT; AGED; BASAL METABOLISM; BODY WEIGHT; DIABETES MELLITUS (diet therapy, metabolism, drug therapy, complications); DIABETIC DIET; DIET, REDUCING (adverse effects); FEMALE; HUMAN; INSULIN (administration & dosage); MALE; MIDDLE AGE; OBESITY (diet therapy, etiology); WATER-ELECTROLYTE BALANCE.

MEIRAMOV GG

MECHANISM OF DAMAGE TO THE PANCREATIC ISLETS IN DITHIONONE DIABETES. LAZARIS YA, MEIRAMOV GG *BULL EXP BIOL MED* 77: 235-8, SEP 74 ENG

MEJEAN L

[THE CONTINUOUS RECORDING OF GLYCEMIA. A METHOD FOR HUMAN CLINICAL STUDY OF THE HYPOLYCEMIC ACTION OF PHARMACOLOGIC SUBSTANCES] DEBRY G, GUISSARD D, MEJEAN L, DROUIN P *JOURN ANNU DIABETOL HOTEL DIEU* 13: 303-11, 1972 FRE

MELBOURNE AD

ENERGY SOURCE FOR ACTIVE TRANSPORT OF ALPHA-AMINOISOBUTYRIC ACID IN KB CELLS. MELBOURNE AD, CHARALAM-

MELONI T

POUS FC *J BIOL CHEM* 249: 2793-800, 10 MAY 74 ENG

ADENOSINE TRIPHOSPHATASE (antagonists & inhibitors); ADENOSINE TRIPHOSPHATE (pharmacodynamics, metabolism); AEROBIOSIS; AMINOISOBUTYRIC ACID (metabolism); ANAEROBIOSIS; ANTIBIOTICS (pharmacodynamics); BIOLOGICAL TRANSPORT, ACTIVE (drug effects); CARBON RADIOISOTOPES; CARCINOMA (metabolism); CELL LINE; CULTURE MEDIA; EVALUATION STUDIES; GLYCOLYSIS; HUMAN; KINETICS; MOUTH NEOPLASMS (metabolism); OLIGOMYCIN (pharmacodynamics); OXIDATIVE PHOSPHORYLATION (drug effects); POTASSIUM (pharmacodynamics); SODIUM; UNCOUPLING AGENTS (pharmacodynamics).

MELONI T

EFFECT OF OROTIC ACID UPON SERUM BILIRUBIN IN NEWBORN INFANTS WITH ERYTHROCYTE G-6-PD DEFICIENCY. CUTILLO S, MELONI T, DORE A *ACTA PAEDIATR SCAND* 63: 143-6, JAN 74 ENG

MENDEL VE

CORRELATION OF FOOD INTAKE IN LAMBS WITH ADIPOCYTE GLUCOSE METABOLISM AND NEFA RELEASE. MEARS GJ, MENDEL VE *J PHYSIOL (LOND)* 240: 625-37, AUG 74 ENG

GLUCOSE METABOLISM AND LIPID MOBILIZATION BY ADIPOCYTES FROM MICE SELECTED FOR GROWTH. MEARS GJ, MENDEL VE *J PHYSIOL (LOND)* 240: 609-24, AUG 74 ENG

MENENDEZ BERNAL F

[HYPOKALEMIC HYPEROSMOLAR DIABETIC COMA, INITIAL MANIFESTATION OF JUVENILE DIABETES] AGUADO MATORRAS A, DE FRUTOS ARRANZ M, CASTANEDA CASADO J, MENENDEZ BERNAL F *REV ESP ANESTESIOLOG REANIM* 21: 429-43, JUL 74 SPA

MENSER MA

THE PATHOLOGY OF CONGENITAL RUBELLA: A REVIEW WRITTEN BY REQUEST. MENSER MA, REYERD *PATHOLOGY* 6: 215-22, JUL 74 ENG [75]

ADULT; ARTERIES (pathology); BRAIN DISEASES (etiology); CHILD, PRESCHOOL; DIABETES MELLITUS (etiology); EAR DISEASES (etiology); EYE DISEASES (etiology); FEMALE; HEART DISEASES (etiology); HUMAN; INFANT; INFANT, NEWBORN; KIDNEY (abnormalities); PREGNANCY COMPLICATIONS, INFECTIOUS; PREGNANCY; REVIEW; RUBELLA (congenital, etiology, pathology, diagnosis); VASCULAR DISEASES (etiology).

MERCER CJ

PROGNOSIS AFTER MYOCARDIAL INFARCTION. SIX-YEAR FOLLOW-UP. NORRIS RM, CAUGHEY DE, MERCER CJ, SCOTT PJ *BR HEART J* 39: 786-90, AUG 74 ENG

MERLET M

[PROLONGED TREATMENT OF SEVERE HYPOGLYCEMIA WITH DIAZOXIDE] SARIC R, MOREAU F, SEGUIN G, COHEN E, MERLET M, LORIN JC *SEM HOP PARIS* 50: 1497-503, 8 MAY 74 FRE

MERTENS HM

[ENERGY METABOLISM IN HYPOXIC MYOCARDIUM] KUHN H, MERTENS HM, BREITHARDT G, LOOGEN F, KUBLER W *VERH DTSCH GES INN MED* 79: 1128-30, 1973 GER

MESHKOV AN

[MUTANTS OF ESCHERICHIA COLI WITH IMPAIRED GLUCOSE TRANSPORT-PRODUCERS OF L-ASPARAGINASE] GOLUB EI, GARAEV MH, BELKIND AM, MESHKOV AN *MIKROBIOLOGIJA* 43: 301-6, MAR 74 RUSS

METZGER BE

CARBOHYDRATE METABOLISM IN PREGNANCY. XI. RESPONSE OF PLASMA GLUCAGON TO OVERNIGHT FAST AND ORAL GLUCOSE DURING NORMAL PREGNANCY AND IN GESTATIONAL DIABETES. DANIEL RR, METZGER BE, FREINKEL N, FALOONA GR, UNGER RH, NITZAN M *DIABETES* 23: 771-6, SEP 74 ENG

MEVES M

[INSULIN CONCENTRATIONS IN PORTAL VENOUS BLOOD IN MAN AFTER GLUCOSE INFUSION (AUTHORS TRANSL)] KRAAS E, BITTNER R, MEVES M, BEGER HG *KLIN WOCHENSCHR* 52: 404-6, 15 APR 74 GER

MEYER LW

[THE INTRAVENOUS GLUCOSE TOLERANCE TEST IN PATIENTS WITH CHOLELITHIASIS AND LIVER CIRRHOSIS] RATZMANN KP, MEYER LW, BAUFELD W *Z GESAMTE INN MED* 29: 331-3, 15 APR 74 GER

MEZEI C

2,3-CYCLOC AMP 3-PHOSPHOHYDROLASE ACTIVITY DURING WALLERIAN DEGENERATION. MEZEI C, MEZEIM, HAWKINS A *J NEUROCHEM* 22: 457-8, MAR 74 ENG

ADENOSINE CYCLIC 3,5 MONOPHOSPHATE; ANIMAL EXPERIMENTS; CHICKENS; COMPARATIVE STUDY; NERVE DEGENERATION; PHOSPHODIESTERASES (metabolism); RABBIT; SCIATIC NERVE (enzymology); SPECIES SPECIFICITY; TIME FACTORS.

MEZEI M

2,3-CYCLOC AMP 3-PHOSPHOHYDROLASE ACTIVITY DURING WALLERIAN DEGENERATION. MEZEI C, MEZEIM, HAWKINS A *J NEUROCHEM* 22: 457-8, MAR 74 ENG

MIALHE P

FREE FATTY ACID-GLUCAGON FEED-BACK MECHANISM. GROSS R, MIALHE P *DIABETOLOGIA* 10: 277-83, AUG 74 ENG

MICHAEL AF

PANCREATIC ISLET TRANSPLANTATION. EFFECTS ON THE GLOMERULAR LESIONS OF EXPERIMENTAL DIABETES IN THE RAT. MAUER SM, SUTHERLAND DE, STEFFES MW, LEONARD RJ, NAJARIAN JS, MICHAEL AF, BROWN DM *DIABETES* 23: 748-53, SEP 74 ENG

MICHAELIS D

[PREVENTION OF THE MANIFESTATION OF DIABETES MELLITUS THROUGH DIETETIC AND DRUG MEASURES. 1. THEORETICAL AND CLINICAL ASPECTS WITH REFERENCE TO THE INSULIN FINDINGS IN THE PERIPHERAL VENOUS BLOOD] WUSTENBERG PW, WERNER P, DANNENBERG C, MICHAELIS D *Z GESAMTE INN MED* 29: 221-7, 15 MAR 74 GER [109]

MICHAELSON IC

THE REACTIVE PHASE OF DIABETIC RETINOPATHY AND THE ROLE OF THE RETICULOENDOTHELIAL SYSTEM. MICHAELSON IC, YANKO L, BERSON D, IVRY M *AM J OPHTHALMOL* 78: 400-10, SEP 74 ENG

AUTOPSY; DIABETIC RETINOPATHY (physiopathology, metabolism); EXUDATES

AND TRANSUDATES (analysis); FUNDUS OCULI; GLYCOPROTEINS (analysis); HISTOCYTOCHEMISTRY; LIPOPROTEINS (analysis); PHAGOCYTOSIS; PHOSPHOLIPIDS (analysis); PHOTOGRAPHY; RETICULOENDOTHELIAL SYSTEM (physiopathology); RETINAL HEMORRHAGE (physiopathology); RETINAL VESSELS (physiopathology); TIME FACTORS.

MICHAJLIK A

[PRESENT-DAY PROBLEMS OF ARTERIOSCLEROSIS AND ITS CLINICAL ASPECTS] MICHAJLIK A *KARDIOL POL* 17: 101-4, 1974 POL

ARTERIOSCLEROSIS (etiology); BLOOD PRESSURE; CHOLESTEROL (blood); EXERTION; FEMALE; GLUCOSE (metabolism); HARDNESS; HUMAN; MALE; OBESITY (complications); SMOKING (complications); STRESS (complications); TRIGLYCERIDES (blood); WATER SUPPLY.

MICHALIK T

[BLOOD GLUCOSE AND INSULIN CURVES IN POSTGASTRECTOMY SYNDROME ASSOCIATED WITH LIVER CIRRHOSIS] SMOCZYNSKI M, MICHALIK T *WIAD LEK* 27: 1509-12, 15 SEP 74 POL

MICHL J

[PROCEEDINGS: 2 YEARS OF EXPERIENCES WITH MONOCOMPONENT INSULIN IN DIABETIC PATIENTS] FANKHAUSER S, MICHL J, MORELL B *HELV MED ACTA* 37: 365-6, MAY 1974 GER

MIEDERER SE

[DIAGNOSIS OF PANCREATIC CARCINOMA] LOFFLER A, STADELMANN O, MIEDERER SE, SOBBA A *DTSCH MED WOCHENSCHR* 99: 1976, 81-3, 4 OCT 74 GER [15]

MIEDZINSKA-SZADKOWSKA E

[CASE OF INSULIN ALLERGY TREATED WITH MONOCOMPONENT INSULIN] JOZWICKA E, POPIK-HANKIEWICZ A, MIEDZINSKA-SZADKOWSKA E, KARNAFEL W *POL TYG LEK* 29: 1519-20, 25 SEP 74 POL

MIKI E

EFFECTS OF VAGAL STIMULATION ON GLUCAGON AND INSULIN SECRETION. KANETO A, MIKI E, KOSAKA K *ENDOCRINOLOGY* 95: 1005-10, OCT 74 ENG

MILLAR J

GASTRIN: A REVIEW. ROONEY PJ, GRENNAN D, MILLAR J *CURR MED RES OPIN* 2: 295-304, 1974 ENG [63]

MINASE T

AN ULTRASTRUCTURAL STUDY OF PEROXIDATIC AND PHAGOCYTIC ACTIVITIES OF TWO TYPES OF SINUSOIDAL LINING CELLS IN RAT LIVER. OGAWA K, MINASE T, YOKOYAMA S, ONOE T *TOHOKU J EXP MED* 111: 253-9, NOV 73 ENG

MINTZ DH

GASTRIC GLUCOSE TOLERANCE IN THE THIRD-TRIMESTER MONKEY CONCEPTUS. CHEZ RA, MINTZ DH, HUTCHINSON DL *AM J OBSTET GYNECOL* 120: 553-4, 15 OCT 74 ENG

MINUTO F

[BEHAVIOR OF SOMATOMEDIN IN OBESSE SUBJECTS] GIORDANO G, FOPPIANI E, MINUTO F, COMASCHI M, MARUGO M *BOLL SOC ITAL BIOL SPER* 49: 1236-41, 15 NOV 73 ITA

MIRACHIAN R

[VALUE AND LIMITATIONS OF THE BLOOD GLYCOAMYLASE TEST IN THE DIAGNOSIS

OF CHRONIC PANCREATIC DISEASES] ANGELINI G, VALLAPERTA P, CAVALLINI G, MIRACHIAN R, VANTINI I, BOVO P, DOBRILLA G *QUAD SCLAVO DIAGN* 9: 865-81, DEC 73 ITA

MIRIDJANIAN A

EPIDEMIOLOGIC RECONNAISSANCE OF HYPERTENSION IN THE BAHAMAS: WITH SPECIAL REFERENCE TO DEPOT FAT COMPOSITION AND ITS IMPLICATIONS IN RELATION TO CARDIOVASCULAR DISEASE PREVALENCE. LUNN JA, MIRIDJANIAN A, FONTARES P, JACOBS E, ROSEN S, CHRISTAKIS G *MT SINAI J MED NY* 41: 444-52, MAY-JUN 74 ENG

MIROUZE J

[VALUE OF THE CONTINUOUS RECORDING OF GLYCEMIA IN THE STUDY OF INSULIN-TREATED DIABETES MELLITUS] MIROUZE J, COLLARD F, TEISSEIRE JP *JOURN ANNU DIABETOL HOTEL DIEU* 13: 285-301, 1972 FRE

ADULT; BLOOD SUGAR (metabolism); DIABETES MELLITUS (drug therapy, diagnosis); DIET; HUMAN; INSULIN (therapeutic use); METHODS; MONITORING SYSTEMS; TIME FACTORS.

MITSUYASU N

ACTION OF TRYPSIN ON SYNTHETIC SUBSTRATES. HYDROLYSES OF SYNTHETIC INSULIN FRAGMENTS BY TRYPSIN. NISHINO N, MITSUYASU N, IZUMIYA N *J BIOCHEM (TOKYO)* 75: 979-85, MAY 74 ENG

MIWA I

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NILSSON KO

THE EFFECT OF THYROTROPIN RELEASING HORMONE ON THE RELEASE OF THYROTROPIN AND OTHER PITUITARY HORMONES IN MAN UNDER BASAL CONDITIONS AND FOLLOWING ADRENERGIC BLOCKING AGENTS. NILSSON KO, THORELL JI, HOKFELT B *ACTA ENDOCRINOL (KBH)* 76: 24-34, MAY 74 ENG

ADULT; BLOOD SUGAR (metabolism); FSH (blood); HUMAN; HYDROCORTISONE (blood); LH (blood); MALE; PHENTOLAMINE (pharmacodynamics); PITUITARY GLAND (drug effects); PROPRANOLOL (pharmacodynamics); RADIOIMMUNOASSAY; SOMATOTROPIN (blood); STIMULATION, CHEMICAL; THYROTROPIN (blood); THYROTROPIN RELEASING HORMONE (pharmacodynamics); THYROXINE (blood); TIME FACTORS.

NILSSON L

EFFECT OF HUMAN MENOPAUSAL GONADOTROPIN ON AMINO ACID TRANSPORT IN THE PREPUBERTAL RAT OVARY. SELSTAM G, NILSSON L *ACTA PHYSIOL SCAND* 90: 798-800, APR 74 ENG

NISHINO N

ACTION OF TRYPSIN ON SYNTHETIC SUBSTRATES. HYDROLYSES OF SYNTHETIC INSULIN FRAGMENTS BY TRYPSIN. NISHINO N, MITSUYASU N, IZUMIYA N *J BIOCHEM (TOKYO)* 75: 979-85, MAY 74 ENG

ALANINE; AMINO ACID SEQUENCE; ARGinine; CHEMISTRY, PHYSICAL; CHROMATOGRAPHY, PAPER; GLYCINE; HYDROGEN-ION CONCENTRATION; HYDROLYSIS; INSULIN (chemical synthesis); LYSINE; PEPTIDES (chemical synthesis); TRYPSIN.

NITSCH K

[CIVILIZATION-DEPENDENT BODY LESIONS AND DISEASES] NITSCH K *MONATSSCHR KINDERHEILK* 122: 520-2, JUL 74 GER

AUTONOMIC NERVOUS SYSTEM; CHILD; CIVILIZATION; DIABETES MELLITUS, JUVENILE (diagnosis); ENVIRONMENTAL HEALTH; HUMAN; INFECTION (diagnosis); NERVOUS SYSTEM DISEASES (diagnosis); OBESITY (diagnosis); PEDIATRICS; PEPTIC ULCER (diagnosis); RESPIRATORY TRACT INFECTIONS (diagnosis).

NITZAN M

CARBOHYDRATE METABOLISM IN PREGNANCY. XI. RESPONSE OF PLASMA GLUCAGON TO OVERNIGHT FAST AND ORAL GLUCOSE DURING NORMAL PREGNANCY AND IN GESTATIONAL DIABETES. DANIEL RR, METZGER BE, FREINKEL N, FALOONA GR, UNGER RH, NITZAN M *DIABETES* 23: 771-6, SEP 74 ENG

NOGEIRE C

EFFECTS OF A PROLONGED 3-HOUR SLEEP-WAKE CYCLE ON SLEEP STAGES, PLASMA CORTISOL, GROWTH HORMONE AND

NORRIS R

BODY TEMPERATURE IN MAN. WEITZMAN ED, NOGEIRE C, PERLOW M, FUKUSHIMA D, SASSIN J, MCGREGOR P, HELLMAN L J *CLIN ENDOCRINOL METAB* 38: 1018-30, JUN 74 ENG

NORRIS R

PANEL DISCUSSION: THE POTENTIAL FOR PRIMARY AND SECONDARY PREVENTION IN CORONARY DISEASE. VALENTINE P, PALMER J, EDWARDS R, POLE D, NORRIS R *MED J AUST* 2: SUPPL027-8, 11 AUG 73 ENG

NORRIS RM

PROGNOSIS AFTER MYOCARDIAL INFARCTION. SIX-YEAR FOLLOW-UP. NORRIS RM, CAUGHEY DE, MERCER CJ, SCOTT PJ *BR HEART J* 39: 786-90, AUG 74 ENG

AGE FACTORS; AGED; DIABETES MELLITUS (complications, mortality); FOLLOW-UP STUDIES; HUMAN; HYPERTENSION (complications, mortality); MIDDLE AGE; MYOCARDIAL INFARCT (mortality, complications); OBESITY (complications); PROGNOSIS; PULMONARY EDEMA (complications); TIME FACTORS.

NOSTER U

[THE ENTITIES OF NECROBIOSIS MACULOSA, GRANULOMATOSIS DISIFORMIS CHRONICA ET PROGRESSIVA MIESCHER, AND THEIR RELATION TO NECROBIOSIS LIPOIDICA DIABETICORUM] NOSTER U, JANNER M, SCHULZ KH *HAUTARZT* 25: 325-32, JUL 74 GER

ADULT; AGED; CHRONIC DISEASE; DIABETES MELLITUS (complications); FEMALE; FOOT DERMATOSES (pathology); GRANULOMA (pathology); HAND DERMATOSES (pathology); HUMAN; MIDDLE AGE; NECROBIOSIS LIPOIDICA (pathology, classification); PREDIABETIC STATE (pathology); SKIN (pathology).

NOTELOVITZ M

LETTER: ORAL HYPOLYCAEMIC THERAPY IN DIABETIC PREGNANCIES. NOTELOVITZ M *LANCET* 2: 902-3, 12 OCT 74 ENG

ADMINISTRATION, ORAL; ANTIGENS (isolation & purification); BIGUANIDES (therapeutic use); BLOOD SUGAR (analysis); CHLORPROPAMIDE (administration & dosage, therapeutic use); FEMALE; HUMAN; INSULIN (immunology, secretion); PREGNANCY IN DIABETES (drug therapy, immunology, blood); PREGNANCY; PREGNANCY, THIRD TRIMESTER; TOLBUTAMIDE (administration & dosage, therapeutic use).

NOWAK W

[EFFECT OF HEPARIN ON THE PANCREATIC FUNCTION OF THE DOG] NOWAK W, SILL U, LIPPERT H, HOMMEL H, FISCHER U Z *GESAMTE INN MED* 29: 250-2, 15 MAR 74 GER

ANIMAL EXPERIMENTS; BILIRUBIN (secretion); DEPRESSION, CHEMICAL; DOGS; DUODENUM (physiology); ENGLISH ABSTRACT; FEMALE; GASTRIC MUCOSA (secretion); HEPARIN (pharmacodynamics); HYDROGEN-ION CONCENTRATION; INJECTIONS, INTRAVENOUS; INSULIN (secretion); INTESTINAL SECRETIONS (secretion); MALE; PANCREAS (drug effects, physiology, secretion); SECRETIN (pharmacodynamics); STIMULATION, CHEMICAL; TIME FACTORS.

NURMINEN M

MICROCIRCULATION OF OCULAR FUNDUS IN VISCOSE RAYON WORKERS EXPOSED TO CARBON DISULFIDE. RAITTA C, TOLONEN M, NURMINEN M *ALBRECHT VON GRAEFES ARCH KLIN OPHTHALMOL* 191: 151-64, 1974 ENG

NUUJA IJ

STUDIES ON CELLULAR AUTOPHAGOCYTOSIS. VINBLASTINE-INDUCED AUTOPHAGY IN THE RAT LIVER. ARSTILA AU, NUUJA IJ, TRUMP BF *EXP CELL RES* 87: 249-52, AUG 74 ENG

NYGAARD-OSTBY B

[ENDODONTIC MEASURES IN THE DENTITION OF OLD PATIENTS] NYGAARD-OSTBY B *DTSCH ZAHNAERZTL Z* 29: 668-70, AUG 74 GER

AGE FACTORS; AGED; ASCORBIC ACID DEFICIENCY (complications); DENTAL PULP DISEASES (therapy, complications); DIABETES MELLITUS (complications); ENGLISH ABSTRACT; GERIATRIC DENTISTRY; HUMAN; MIDDLE AGE; NECROSIS; ROOT CANAL THERAPY.

OBRIEN RT

ENDOCRINE EVALUATION IN THALASSEMIA MAJOR. LASSMAN MN, OBRIEN RT, PEARSON HA, WISE JK, DONABEDIAN RK, FELIG P, GENEL M *ANN NY ACAD SCI* 232: 226-37, 1974 ENG

OCONEILL RC

NITROGEN CONSERVATION IN STARVATION: GRADED RESPONSES TO INTRAVENOUS GLUCOSE. OCONEILL RC, MORGAN AP, AOKI TT, BALL MR, MOORE FD J *CLIN ENDOCRINOL METAB* 39: 555-63, SEP 74 ENG

ADULT; AMINO ACIDS (blood); ANTIGENS; BLOOD SUGAR (analysis); FATTY ACIDS, NONESTERIFIED (blood); GLUCAGON (blood); GLUCOSE (metabolism, administration & dosage); HUMAN; INFUSIONS, PARENTAL; INSULIN (blood); LACTATES (blood); LIPID MOBILIZATION; MALE; NITROGEN (metabolism, urine, blood); PYRUVATES (blood); STARVATION; TIME FACTORS; TRIGLYCERIDES (blood).

ODELL WD

RADIOIMMUNOASSAY OF RABBIT GROWTH HORMONE. MCINTYRE HB, ODELL WD, REICHERT LE *ENDOCRINOLOGY* 94: 1568-76, JUN 74 ENG

OGAWA K

AN ULTRASTRUCTURAL STUDY OF PEROXIDASE AND PHAGOCYTTIC ACTIVITIES OF TWO TYPES OF SINUSOIDAL LINING CELLS IN RAT LIVER. OGAWA K, MINASE T, YOKOYAMA S, ONOE T *TOHOKU J EXP MED* 111: 253-9, NOV 73 ENG

ANIMAL EXPERIMENTS; CAPILLARIES (enzymology, cytology); ENDOPLASMIC RETICULUM (enzymology); ESTRADIOL (pharmacodynamics); KUPFFER CELLS (cytology, enzymology); LIVER (blood supply); MALE; MICROSCOPY, ELECTRON; PEROXIDASES (analysis); PHAGOCYTOSIS; RATS; RETICULOENDOTHELIAL SYSTEM (physiology, drug effects); STIMULATION, CHEMICAL.

OKAS S

HUMAN CELLULAR IMMUNITY TO LENS LEUKOCYTE MIGRATION INHIBITION BY LENS PROTEIN. HENLEY WL, OKAS S, LEOPOLD IH *ARCH INTERN MED* 134: 684-8, OCT 74 ENG

OKUDA J

INSULIN SECRETION BY ANOMERS OF D-GLUCOSE. NIKI A, NIKI H, MIWA I, OKUDA J *SCIENCE* 186: 150-1, 11 OCT 74 ENG

OLIVER M

ELEMENTARY PROCESSES IN THE HYDROLYSIS OF ATP BY SARCOPLASMIC RETICULUM MEMBRANES. MARTONOSI A, LAG-

WINSKA E, OLIVER M *ANN NY ACAD SCI* 227: 549-67, 18 FEB 74 ENG

OMURA S

TARGET OF INHIBITION BY THE ANTI-LIPOGENIC ANTIBIOTIC CERULENIN OF STEROL SYNTHESIS IN YEAST. ONO T, KESADO T, AWAYA J, OMURA S *BIOCHEM BIOPHYS RES COMMUN* 57: 1119-24, 23 APR 74 ENG

ONEILL BJ

MALABSORPTION OF VITAMIN B12 AFTER VAGOTOMY. STREETER AM, DURAIAPPAH B, BOYLE R, ONEILL BJ, PHEILS MT *AM J SURG* 128: 340-3, SEP 74 ENG

ONO T

TARGET OF INHIBITION BY THE ANTI-LIPOGENIC ANTIBIOTIC CERULENIN OF STEROL SYNTHESIS IN YEAST. ONO T, KESADO T, AWAYA J, OMURA S *BIOCHEM BIOPHYS RES COMMUN* 57: 1119-24, 23 APR 74 ENG

ACETOACETATES; ACETYL COENZYME A (metabolism); ACETYLTRANSFERASES (metabolism); ANTIBIOTICS, ANTIFUNGAL (pharmacodynamics); CARBON RADIOISOTOPES; CELL-FREE SYSTEM; COENZYME A; COMPARATIVE STUDY; ETHERS, CYCLIC (pharmacodynamics); FATTY ACIDS, UNSATURATED (pharmacodynamics); GLUTARATES; KETOACID-LYASES (antagonists & inhibitors); MEVALONIC ACID (metabolism); PHYTOSTEROLS (biosynthesis); SACCHAROMYCES CEREVISIAE (drug effects, enzymology); SPECTROPHOTOMETRY, ULTRAVIOLET; TIME FACTORS.

ONOE T

AN ULTRASTRUCTURAL STUDY OF PEROXIDASE AND PHAGOCYTTIC ACTIVITIES OF TWO TYPES OF SINUSOIDAL LINING CELLS IN RAT LIVER. OGAWA K, MINASE T, YOKOYAMA S, ONOE T *TOHOKU J EXP MED* 111: 253-9, NOV 73 ENG

ORCI L

[PHYSIOLOGY OF INSULIN SECRETION. 2. FURTHER INTERPRETATIONS] RENOLD AE, ORCI L, LAMBERT AE *JOURN ANNU DIABETOL HOTEL DIEU* 13: 37-40, 1972 FRE 171

ORCUTT AR

ACTIVE AMINO ACID AND SUGAR TRANSPORT BY A UNICELLULAR BLUE-GREEN ALGA. FAUST RG, ORCUTT AR, PRAZMA TU *COMP BIOCHEM PHYSIOL [A]* 48: 403-6, 1 JUN 74 ENG

OREGAN PJ

IMPAIRED GLUCONEOGENESIS IN DOGS WITH E. COLI BACTEREMIA. GROVES AC, WOOLF LI, OREGAN PJ, BEACH C, HASINOFF C, SUTHERLAND WH *SURGERY* 76: 533-41, OCT 74 ENG

ORGANISCIK DT

THE EFFECTS OF LITHIUM ON HIGH ENERGY PHOSPHATE AND GLUCOSE LEVELS IN THE RAT SUPERIOR CERVICAL GANGLION. ORGANISCIK DT, KLINGMAN JD J *NEUROCHEM* 22: 341-5, MAR 74 ENG

ADENOSINE TRIPHOSPHATE (metabolism); ADMINISTRATION, ORAL; ANIMAL EXPERIMENTS; COMPARATIVE STUDY; ELECTRIC STIMULATION; GANGLIA, AUTONOMIC (drug effects, metabolism); GLUCOSE (metabolism); LITHIUM (administration & dosage, poisoning, pharmacodynamics); PHOSPHOCREATINE (metabolism); RATS; SPECTROMETRY, FLUORESCENCE; TIME FACTORS.

OSCARSON J

THE EFFECT OF SECRETAGOGUES AND ANTISECRETAGOGUES ON HISTIDINE DECARBOXYLASE ACTIVITY IN RAT GASTRIC MUCOSA, OSCARSON J, HAKANSON R, LIEBERG G *AGENTS ACTIONS* 4: 183-4, AUG 74 ENG

ANIMAL EXPERIMENTS; ATROPINE (pharmacodynamics); CARBOXY-LYASES (metabolism); DEPRESSION, CHEMICAL: GASTRIC JUICE (secretion); GASTRIC MUCOSA (enzymology, secretion); GASTRIN (physiology, secretion, blood); GASTROINTESTINAL HORMONES (pharmacodynamics, antagonists & inhibitors); GLYCERYLPHOSPHATE; HEXAMETHONIUM COMPOUNDS (pharmacodynamics); INSULIN (pharmacodynamics); PROTAGLANDINS (pharmacodynamics); RATS; STOMACH (physiology); VAGOTOMY.

OSORIO J

ACTION OF B-HYDROXY BUTYRATE, ACETOACETATE AND PALMITATE ON THE INSULIN RELEASE IN THE PERFUSED ISOLATED RAT PANCREAS, GOBERNA R, TAMARIT J JR, OSORIO J, FUSSENGER R, TAMARIT J, PFEIFFER EF *HORM METAB RES* 6: 256-60, JUL 74 ENG

OSTROWSKI K

THE USE OF PHOTOPLETYSMOGRAPHY IN THE DIAGNOSIS OF DIABETIC ANGIOPATHY, OSTROWSKI K, KARNAPFEL W, DRZYMIEN J *ACTA MED POL* 15: 79-84, 1974 ENG

ADOLESCENCE; ADULT; AGED; ARTERIOSCLEROSIS (diagnosis); DIABETIC ANGIOPATHIES (diagnosis); FINGERS; HUMAN; MIDDLE AGE; PHOTOGRAPHY; PLETHYSMOGRAPHY (instrumentation); TOES.

OTTO H

[EXCHANGE OF CARBOHYDRATES, FOLLOWING THE PRINCIPLE OF BIOLOGICAL EQUIVALENTS, IN THE DIABETIC DIET] SPAETHE R, BRINCK UC, SABIN J, WUBBENS K, OTTO H *JOURN ANNU DIABETOL HOTEL DIEU* 13: 253-9, 1972 FRE

OTTO S

IMMUNOLOGICAL STUDIES IN NEPHROPATHIES ACCOMPANYING CHILDHOOD DIABETES MELLITUS, PUMP K, OTTO S *ANN IMMUNOL HUNG* 16: 351-4, 1972 ENG

OTTO-BUCZKOWSKA E

GROWTH HORMONE SECRETION IN DIABETIC CHILDREN, OTTO-BUCZKOWSKA E, KOBOT F, KUSKA J Z *KINDERHEILK* 117: 233-40, 1974 ENG

ADOLESCENCE; AGE FACTORS; CHILD; DIABETES MELLITUS; JUVENILE (metabolism); FEMALE; HUMAN; INSULIN (pharmacodynamics); MALE; SEX FACTORS; SOMATOTROPIN (secretion); TIME FACTORS.

OUZOUNOVA B

[METHODS OF MASS PROPHYLACTIC EXAMINATIONS FOR THE EARLY DIAGNOSIS OF DIABETES] PENTCHEV I, POPOV A, ANDREEV D, DITZOV S, TARKOVEN N, SIRAKOV L, OUZOUNOVA B *JOURN ANNU DIABETOL HOTEL DIEU* 13: 223-30, 1972 FRE

OVCHARENKO LI

[PHYSICO-CHEMICAL PROPERTIES OF BLOOD AND FUNCTIONAL STATE OF THE LIVER IN DIABETES MELLITUS] OVCHARENKO LI *VRACH DELO* 0: 70-3, AUG 74 RUS

BLOOD VISCOSITY; DIABETES MELLITUS (blood, physiopathology); ENGLISH ABSTRACT;

HEMATOCRIT; HUMAN; LIVER FUNCTION TESTS; LIVER (physiopathology).

OVCHAROV R

[PHARMACOLOGIC ANALYSIS OF SOME METABOLIC PROCESSES IN RABBITS DURING PYROGENIC REACTION] OVCHAROV R, ALEKSIEVA S *EKSP MED MORFOL* 12: 175-9, 1973 BUL

ANIMAL EXPERIMENTS; BLOOD SUGAR; BODY TEMPERATURE REGULATION (drug effects); CARBOHYDRATES (metabolism); ENDOTOXINS; ENGLISH ABSTRACT; FEVER (metabolism); PROPRANOLOL (pharmacodynamics); PYROGENS (pharmacodynamics); RABBITS; TOLAZOLINE (pharmacodynamics).

OZAKI H

INTERACTION OF SPINACH LEAF ADENOSINE DIPHOSPHATE GLUCOSE ALPHA-1,4-GLUCAN ALPHA-4-GLUCOSYL TRANSFERASE AND ALPHA-1,4-GLUCAN, ALPHA-1,4-GLUCAN-6-GLUCOSYL TRANSFERASE IN SYNTHESIS OF BRANCHED ALPHA-GLUCAN, HAWKER JS, OZBUN JL, OZAKI H, GREENBERG E, PREISS J *ARCH BIOCHEM BIOPHYS* 160: 530-51, FEB 74 ENG

OZBUN JL

INTERACTION OF SPINACH LEAF ADENOSINE DIPHOSPHATE GLUCOSE ALPHA-1,4-GLUCAN ALPHA-4-GLUCOSYL TRANSFERASE AND ALPHA-1,4-GLUCAN, ALPHA-1,4-GLUCAN-6-GLUCOSYL TRANSFERASE IN SYNTHESIS OF BRANCHED ALPHA-GLUCAN, HAWKER JS, OZBUN JL, OZAKI H, GREENBERG E, PREISS J *ARCH BIOCHEM BIOPHYS* 160: 530-51, FEB 74 ENG

PACKER L

CHANGES IN MEMBRANE LIPID STRUCTURE OF ILLUMINATED CHLOROPLASTS: STUDIES WITH SPIN-LABELED AND FREEZE-FRACTURED MEMBRANES, TORRES-PEREIRA J, MEHLHORN R, KEITH AD, PACKER L *ARCH BIOCHEM BIOPHYS* 160: 90-9, JAN 74 ENG

PAGANO G

[DIABETES AND PREGNANCY (CLINICO-STATISTICAL STUDY)] CAROLLO F, CADILI G, PAGANO G *ZWR* 83: 305-19, 10 SEP 74 ITA

PAJAK TF

EARLY REHABILITATIVE CARE IN COMMUNITY HOSPITALS: EFFECT ON QUALITY OF SURVIVORSHIP FOLLOWING A STROKE, TRUSCOTT BL, KRETSCHMANN CM, TOOLE JF, PAJAK TF *STROKE* 5: 623-9, SEP-OCT 74 ENG

PALMER J

PANEL DISCUSSION: THE POTENTIAL FOR PRIMARY AND SECONDARY PREVENTION IN CORONARY DISEASE, VALENTINE P, PALMER J, EDWARDS R, POLE D, NORRIS R *MED J AUST* 2: SUPPL027-8, 11 AUG 73 ENG

PALUMBO PJ

INSULIN RESISTANCE, SKIN CHANGES, AND VIRILIZATION: A RECESSIVELY INHERITED SYNDROME POSSIBLY DUE TO PINEAL GLAND DYSFUNCTION, BARNES ND, PALUMBO PJ, HAYLES AB, FOLGAR H *DIABETOLOGIA* 10: 285-9, AUG 74 ENG

PANTEN U

EFFECT OF HYPOGLYCEMIC SULFONYLUREAS ON HEPATIC FRUCTOSE METABOLISM IN THE RAT, SCHONBORN J, POSER W, PANTEN U, HASSELBLATT A *HORM METAB RES* 6: 284-3, JUL 74 ENG

PAOLAGGI F

[SOMATOMAMMOTROPIC CHORIONIC HORMONE AND GLYCO-REGULATION] TESCHER M, MORIN P, GUERIS J, TECHNET J, SERPEAU P, PAOLAGGI F *SEM HOP PARIS* 50: 1327-32, 26 APR 74 FRE

PAPI F

[PRELIMINARY OBSERVATIONS ON THE BEHAVIOR OF THE PANCREATIC ISLETS IN RABBITS FED A HIGH CHOLESTEROL DIET (WITH OR WITHOUT INTRAVENOUS INJECTIONS OF TWEEN 80)] DAMORE I, PAPI F, PESCATORI GF, WEBER G *BOLL SOC ITAL BIOL SPER* 49: 1019-21, 30 SEP 73 ITA

PARRILLA R

EFFECT OF GLUCAGON: INSULIN RATIOS ON HEPATIC METABOLISM, PARRILLA R, GOODMAN MN, TOEWS CJ *DIABETES* 23: 725-31, SEP 74 ENG

ALANINE (administration & dosage); ANIMAL EXPERIMENTS; GLUCAGON (pharmacodynamics, antagonists & inhibitors, blood); GLUCONEOGENESIS (drug effects); GLYCOLYSIS (drug effects); HYDROXYBUTYRATES (biosynthesis); IN VITRO; INSULIN (administration & dosage, blood); KETONE BODIES (biosynthesis); LACTATES (biosynthesis); LIVER (drug effects, metabolism); MALE; PORTAL VEIN; PROTEINS (metabolism); RATS; UREA (biosynthesis); VALINE (biosynthesis).

PARSONS RG

A COMPARISON OF THE L-ARABINOSE- AND D-GALACTOSE-BINDING PROTEINS OF *ESCHERICHIA COLI* B-R, PARSONS RG, HOGG RW *J BIOL CHEM* 249: 3608-14, 10 JUN 74 ENG

AMINO ACIDS (analysis); ARABINOSE (metabolism); BACTERIAL PROTEINS (analysis, biosynthesis, metabolism); CARBON RADIOISOTOPES; CARRIER PROTEINS (analysis, metabolism); CELL-FREE SYSTEM; CHROMATOGRAPHY, DEAE-CELLULOSE; COMPARATIVE STUDY; CROSS REACTIONS; CRYSTALLIZATION; *ESCHERICHIA COLI* (metabolism); GALACTOSE (metabolism); GEL DIFFUSION TESTS; GEL FILTRATION; GENOTYPE; IODINE RADIOISOTOPES; PEPTIDE FRAGMENTS (analysis); PHENOTYPE; PROTEIN BINDING; RABBITS (immunology); SPECIES SPECIFICITY; STRUCTURE-ACTIVITY RELATIONSHIP; TRYPSIN.

PARVING HH

METABOLISM AND TRANSCAPILLARY ESCAPE RATE OF ALBUMIN IN ACROMEGALY, ROSSING N, PARVING HH, KORSGAARD O *SCAND J CLIN LAB INVEST* 33: 39-44, FEB 74 ENG

PASQUALIN JR

[GOUT IN DIABETES MELLITUS] COSSERMELLI W, CARDOSO A, NETTO MP, DEBES AC, PASQUALIN JR, GALLETTA VP, AZUL LG *REV ASSOC MED BRAS* 20: 251-4, JUL 74 POR

PATON RD

PREDICTION OF FETAL LUNG AND KIDNEY MATURITY BY DETERMINATION OF AMNIOTIC FLUID LECITHIN: SPHINGOMYELIN RATIO AND CREATININE CONCENTRATION, PATON RD, LOGAN RW, MACVICAR J *SCOTT MED J* 19: 229-32, SEP 74 ENG

AMNIOCENTESIS; AMNIOTIC FLUID (analysis); BODY WEIGHT; CLINICAL RESEARCH; CREATININE (analysis); FEMALE; FETUS; GESTATIONAL AGE; HUMAN; INFANT, NEWBORN; KIDNEY (embryology); LECITHINS (analysis); LUNG (embryology);

PAV J

PRE-ECLAMPSIA (complications); PREGNANCY IN DIABETES; PREGNANCY; RESPIRATORY DISTRESS SYNDROME (occurrence); SPHINGOMYELINS (analysis).

PAV J

[GLYCEMIA, INSULINEMIA AND CONCENTRATION OF UNESTERIFIED FATTY ACIDS IN THE PLASMA IN THE GLUCOSE TOLERANCE TEST WITH 50 AND 100 G GLUCOSE (AUTHORS TRANSL.) PAV J, SRAMKOVA J *CAS LEK CESH* 113: 947-52, 2 AUG 74 CZE

BLOOD SUGAR (metabolism); ENGLISH ABSTRACT; FATTY ACIDS, NONESTERIFIED (blood); GLUCOSE TOLERANCE TEST; HUMAN; INSULIN (blood); OBESITY (blood).

PEARSON HA

ENDOCRINE EVALUATION IN THALASSEMIA MAJOR. LASSMAN MN, O'BRIEN RT, PEARSON HA, WISE JK, DONABEDIAN RK, FELIG P, GENEL M *ANN NY ACAD SCI* 232: 226-37, 1974 ENG

PELKONEN R

EARLY RESPONSE OF PLASMA INSULIN TO SMALL DOSES OF INTRAVENOUS GLUCOSE: EFFECT OF OBESITY. PELKONEN R, TASKINEN MR, NIKKILA EA *J CLIN ENDOCRINOL METAB* 39: 418-24, SEP 74 ENG

ADOLESCENCE; ADULT; BLOOD SUGAR (metabolism); BODY WEIGHT; DOSE-RESPONSE RELATIONSHIP, DRUG; FEMALE; GLUCOSE (pharmacodynamics, administration & dosage); HUMAN; INJECTIONS, INTRAVENOUS; INSULIN (blood); MALE; MIDDLE AGE; OBESITY (blood); REGRESSION ANALYSIS; TIME FACTORS.

PELOUCH V

CYCLIC AMP-DEPENDENT PROTEIN KINASE ACTIVITY IN A CELL MEMBRANE-ENRICHED SUBCELLULAR FRACTION OF PIG MYOCARDIUM. KRAUSE EG, WILL H, PELOUCH V, WOLLENBERGER A *ACTA BIOL MED GER* 31: K37-43, 1973 ENG

PENEFSKY HS

DIFFERENTIAL EFFECTS OF ADENYLIL IMIDODIPHOSPHATE ON ADENOSINE TRIPHOSPHATE SYNTHESIS AND THE PARTIAL REACTIONS OF OXIDATIVE PHOSPHORYLATION. PENEFSKY HS *J BIOL CHEM* 249: 3579-85, 10 JUN 74 ENG

ADENOSINE DIPHOSPHATE (metabolism, pharmacodynamics); ADENOSINE TRIPHOSPHATASE (antagonists & inhibitors); ADENOSINE TRIPHOSPHATE (metabolism, biosynthesis); ANILINO NAPHTHALENESULFONATES; BINDING, COMPETITIVE; BINDING SITES; CATALYSIS; FLUORESCENCE; FLUOROMETRY; IMIDES (pharmacodynamics); MITOCHONDRIA, MUSCLE (enzymology); NAD (metabolism); OXIDATION-REDUCTION; OXIDATIVE PHOSPHORYLATION (drug effects); PHOSPHATES (metabolism); PHOSPHORIC ACIDS (pharmacodynamics); PHOSPHORUS RADIOISOTOPES; PROTEIN BINDING; SPECTROPHOTOMETRY, ULTRAVIOLET; STRUCTURE-ACTIVITY RELATIONSHIP; SUCCINATES (metabolism).

PENTCHEV I

[METHODS OF MASS PROPHYLACTIC EXAMINATIONS FOR THE EARLY DIAGNOSIS OF DIABETES] PENTCHEV I, POPOV A, ANDREEV D, DITZOV S, TARKOV N, SIRAKOV L, OUZOUNOVA B *JOURN ANNU DIABETOL HOTEL DIEU* 13: 223-30, 1972 FRE

BLOOD SUGAR (analysis); DIABETES MELLITUS (diagnosis); GLUCOSE TOLERANCE TEST; GLYCOSURIA; HUMAN; MASS SCREENING; METHODS; TIME FACTORS.

PERDUE JF

SUGAR TRANSPORT IN CHICK EMBRYO FIBROBLASTS. I. A FUNCTIONAL CHANGE IN THE PLASMA MEMBRANE ASSOCIATED WITH THE RATE OF CELL GROWTH. KLETZIEN RF, PERDUE JF *J BIOL CHEM* 249: 3366-74, 10 JUN 74 ENG

SUGAR TRANSPORT IN CHICK EMBRYO FIBROBLASTS. II. ALTERATIONS IN TRANSPORT FOLLOWING TRANSFORMATION BY A TEMPERATURE-SENSITIVE MUTANT OF THE ROUS SARCOMA VIRUS. KLETZIEN RF, PERDUE JF *J BIOL CHEM* 249: 3375-82, 10 JUN 74 ENG

PERLOW M

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ANIMAL EXPERIMENTS; ANTIGENS (analysis); BACTERIA; CELL MEMBRANE (immunology); CELL MEMBRANE PERMEABILITY; CELL NUCLEUS (immunology); CELLS, CULTURED; CHEMISTRY; DIFFUSION; HISTOCOMPATIBILITY ANTIGENS (analysis); HUMAN; HYBRID CELLS (immunology); LIPIDS; MEMBRANES, ARTIFICIAL; MICE; TEMPERATURE.

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ADENINE NUCLEOTIDES (biosynthesis); ADENOSINE MONOPHOSPHATE (metabolism); ADENOSINE TRIPHOSPHATE (metabolism); ADENYL CYCLASE (metabolism); ADIPOSE TISSUE (cytology, metabolism); ALCOHOLS (pharmacodynamics); ANIMAL EXPERIMENTS; CARBON RADIOISOTOPES; CELL MEMBRANE (enzymology, metabolism); EPIDIDYMIS; GLYCERIN (administration & dosage, metabolism, pharmacodynamics); MALE; PHOSPHODIESTERASES (pharmacodynamics); PHOSPHORUS RADIOISOTOPES; RATS; STRUCTURE-ACTIVITY RELATIONSHIP.

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ANIMAL EXPERIMENTS; ANOXIA (enzymology); ENGLISH ABSTRACT; GLUCOSEPHOSPHATE DEHYDROGENASE (enzymology); HEXOKINASE (metabolism); HYDROCORTISONE (pharmacodynamics); INSULIN (pharmacodynamics); MALE; RATS; TESTIS (enzymology, drug effects); TIME FACTORS.

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BLOOD SUGAR (metabolism); DIABETES MELLITUS (drug therapy); GLUCOSE TOLERANCE TEST; HUMAN; INSULIN (secretion, blood); ISLANDS OF LANGERHANS (drug effects, secretion); REVIEW; SECRETORY RATE (drug effects); SULFONAMIDES (therapeutic use, pharmacodynamics).

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POBLETE M

STEREOTACTIC PITUITARY IMPLANTATION OF RADIOISOTOPES BY TRANSFRONTAL ROUTE. 300 CASES. POBLETE M, ZAMBONI R *ACTA NEUROCHIR (WIEN)* 21: 159-63, 1974 ENG

ACROMEGALY (therapy); BREAST NEOPLASMS (therapy); CARCINOMA (therapy); CEREBROSPINAL RHINORRHEA (etiology); DIABETIC RETINOPATHY (therapy); FEMALE; HEMORRHAGE; HUMAN; MALE; MENINGITIS; PITUITARY GLAND IRRADIATION (methods, adverse effects); PROSTATIC NEOPLASMS (therapy); RADIOISOTOPES (therapeutic use, administration & dosage); STEREOTAXIC TECHNIQUES (adverse effects); YTTRIUM ISOTOPES (therapeutic use, administration & dosage).

POCKER A

INTERACTION OF MUSCLE GLYCOGEN PHOSPHORYLASE WITH PYRIDOXAL 5-METHYLENEPHOSPHONATE. VIDGOFF JM, POCKER A, HULLAR TL, FISCHER EH *BIOCHEM BIOPHYS RES COMMUN* 57: 1166-74, 23 APR 74 ENG

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BINDING SITES; GLYCOGEN PHOSPHORYLASE; ISOMERISM; METHODS; PROTEIN CONFORMATION; PYRIDOXAL PHOSPHATE; STRUCTURE-ACTIVITY RELATIONSHIP.

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DNA SYNTHESIS IN HUMAN FIBROBLASTS: STIMULATION BY INSULIN AND BY NON-SUPPRESSIBLE INSULIN-LIKE ACTIVITY (NSILA-S). RECHLER MM, PODSKALNY JM, GOLDFINE ID, WELLS CA *J CLIN ENDOCRINOL METAB* 39: 512-21, SEP 74 ENG

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[SYMPATHOLYTIC AND HYPOGLYCEMIC ACTION OF CERTAIN BIGUANIDE DERIVATIVES] AVAKIAN OM, POGOSIAN AV, STEPANIAN NO *FARMAKOL TOKSIKOL* 36: 707-11, 1973 RUS

POLE D

PANEL DISCUSSION: THE POTENTIAL FOR PRIMARY AND SECONDARY PREVENTION IN CORONARY DISEASE. VALENTINE P, PALMER J, EDWARDS R, POLE D, NORRIS R *MED J AUST* 2: SUPPL027-8, 11 AUG 73 ENG

POLETAEVA KA

[PARTICIPATION OF SEX HORMONES IN IMPLEMENTING THE REGULATORY EFFECT OF HYDROCORTISONE AND INSULIN ON ASPARTATE TRANSAMINASE ACTIVITY IN MALE AND FEMALE RAT RENAL CORTEX] POLETAEVA KA *VOPR MED KHIM* 19: 358-61, 1973 RUS

ANIMAL EXPERIMENTS; ASPARTATE AMINOTRANSFERASE (metabolism); CASTRATION; ENGLISH ABSTRACT; FEMALE; HYDROCORTISONE (pharmacodynamics); INSULIN (pharmacodynamics); KIDNEY CORTEX (enzymology, drug effects); MALE; RATS; SEX HORMONES (physiology); TESTOSTERONE (pharmacodynamics).

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DIHYDROERGOTAMINE: A POTENT BIOLOGICAL AMPLIFIER OF SULFONYLUREAS. SIREK A, SIREK OV, POLICOVA Z *DIABETOLOGIA* 10: 267-70, AUG 74 ENG

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[ACTIVITY OF SOME ENZYMES OF GLYCOGEN METABOLISM IN THE WALL OF LYMPHATIC AND BLOOD VESSELS] GERLI R, POMPUCCI G, FRUSCHELLI C *BOLL SOC ITAL BIOL SPER* 49: 762-5, 30 JUL 73 ITA

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[THE PRINCIPAL ETIOLOGICAL FACTORS OF CORONARY DISEASE. A NEW METABOLIC CONCEPT] SODI-PALLARES D, PONCE DE LEON J *ARCH INST CARDIOL MEX* 44: 689-96, SEP-OCT 74 SPA

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[CASE OF INSULIN ALLERGY TREATED WITH MONOCOMPONENT INSULINS] JOZWICKA E, POPIK-HANKIEWICZ A, MIEDZINKA-SZADKOWSKA E, KARNAFEL W *POL TYG LEK* 29: 1519-20, 25 SEP 74 POL

POPOV A

[METHODS OF MASS PROPHYLACTIC EXAMINATIONS FOR THE EARLY DIAGNOSIS OF DIABETES] PENTCHEV I, POPOV A, ANDREEV D, DITZOV S, TARKOVEN N, SIRAKOV L, OUZOUNOVA B *JOURN ANNU DIABETOL HOTEL DIEU* 13: 223-30, 1972 FRE

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SECRETION OF ACTH BY ISOLATED ANTERIOR PITUITARY CELLS: KINETICS OF STIMULATION OF CORTICOTROPIN-RELEASING FACTOR AND OF INHIBITION BY CORTICOSTERONE. SAYERS G, PORTANOVA R *ENDOCRINOLOGY* 94: 1723-30, JUN 74 ENG

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STIMULATION OF PROLACTIN RELEASE IN VIVO BY THYROTROPIN-RELEASING HORMONE (TRH) THROUGH DIRECT ACTION ON THE ECTOPIC RAT PITUITARY. PORTEUS SE, MALVEN PV *ENDOCRINOLOGY* 94: 1699-703, JUN 74 ENG

ANIMAL EXPERIMENTS; FEMALE; HYPOPHYSECTOMY; HYPOTHALAMUS (physiology); PITUITARY GLAND (metabolism, drug effects); PROLACTIN (blood, metabolism); RADIOIMMUNOASSAY; RATS; SODIUM CHLORIDE (pharmacodynamics); THYROTROPIN-RELEASING HORMONE (pharmacodynamics); TIME FACTORS.

PORTUGALOV VV

CYTOCHEMICAL INVESTIGATIONS OF THE METABOLISM OF ALVEOLAR AND PERITONEAL MACROPHAGES. PORTUGALOV VV, DURNOVA GN, KAPLANSKY AS, KOLGANOVA NS *ACTA HISTOCHEM (JENA)* 46: 216-26, 1973 ENG

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ANIMAL EXPERIMENTS; GLYCOGEN PHOSPHORYLASE (analysis); GLYCOLYSIS; GUINEA PIGS; ISOCITRATE DEHYDROGENASE (analysis); LACTATE DEHYDROGENASE ISOENZYMES (analysis); MACROPHAGES (enzymology, metabolism); MALATE DEHYDROGENASE (analysis); MALE; MICE; MICE, INBRED C57BL; MOUTH; OXIDATION-REDUCTION; OXIDOREDUCTASES (analysis); PERITONEUM; PHAGOCYTOSIS; STAPHYLOCOCCUS.

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EFFECT OF HYPOGLYCEMIC SULFONYLUREAS ON HEPATIC FRUCTOSE METABOLISM IN THE RAT. SCHONBORN J, POSER W, PANTEN U, HASSELBLATT A *HORM METAB RES* 6: 284-3, JUL 74 ENG

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DIABETES MELLITUS (drug therapy); DRUG THERAPY, COMBINATION; GLIBENCLAMIDE (therapeutic use); HUMAN; INSULIN (therapeutic use); PHENFORMIN (therapeutic use).

POTTER K

ABNORMALLY HIGH RATE OF CYCLIC AMP EXCRETION FROM AN ESCHERICHIA COLI MUTANT DEFICIENT IN CYCLIC AMP RECEPTOR PROTEIN. POTTER K, CHALONER-LARSSON G, YAMAZAKI H *BIOCHEM BIOPHYS RES COMMUN* 57: 379-85, 25 MAR 74 ENG

ADENOSINE CYCLIC 3,5 MONOPHOSPHATE (metabolism); BACTERIAL PROTEINS (metabolism); BINDING SITES; CARRIER PROTEINS (metabolism); CELL DIVISION; CHROMATOGRAPHY, THIN LAYER; ESCHERICHIA COLI (metabolism); GLUCOSE (metabolism); GLYCERIN (metabolism); MUTATION; PHOSPHORUS RADIOISOTOPES; PROTEIN BINDING; PYRUVATES (metabolism); RECEPTORS, DRUG; SPECTROPHOTOMETRY; TIME FACTORS.

POTTER VR

THE PREPARATION AND CHARACTERIZATION OF PURE RAT LIVER GLUCOKINASE. GROSSMAN SH, DORN CG, POTTER VR *J CLIN INVEST* 53: 3055-60, JUN 74 ENG

POULSEN JE

HL-A ANTIGENS AND DIABETES MELLITUS. NERUP J, PLATZ P, ANDERSEN OO, CHRISTY M, LYGSOE J, POULSEN JE, RYDER LP, NIELSEN LS, THOMSEN M, SVEJGAARD A *LANCET* 2: 864-6, 12 OCT 74 ENG

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AN EPIDEMIOLOGIC STUDY OF BREAST CANCER. HENDERSON BE, POWELL D, ROSARIO I, KEYS C, HANISCH R, YOUNG M, CASAGRANDE J, GERKINS V, PIKE MC *J NATL CANCER INST* 53: 609-14, SEP 74 ENG

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CARBOHYDRATE INTOLERANCE IN IDIOPATHIC HAEMOCHROMATOSIS AND CIRRHOSIS OF THE LIVER. STOCKS AE, POWELL LW *Q J MED* 42: 733-49, OCT 73 ENG

PRADHAN TK

MODULATION OF MITOCHONDRIAL ADENYLATE KINASE BY CITRIC-ACID-CYCLE INTERMEDIATES. PRADHAN TK, CRISS WE *EUR J BIOCHEM* 43: 541-7, 16 APR 74 ENG

ACONITIC ACID (metabolism); ADENOSINE MONOPHOSPHATE; ADENOSINE TRIPHOSPHATE (metabolism); ANIMAL EXPERIMENTS; BINDING SITES; CITRATES (metabolism); ENZYME ACTIVATION; FUMARATES (metabolism); HYDROGEN-ION CONCENTRATION; ISOCITRATES (metabolism); KETOGLUTARIC ACID (metabolism); KINETICS; KREBS CYCLE; MAGNESIUM; MALATES (metabolism); MITOCHONDRIA, LIVER (enzymology); OXALOACETATES (metabolism); PHOSPHOTRANSFERASES, ATP (metabolism); RATS; SUCCINATES (metabolism).

PRASAD C

CELL LYSIS OF BACILLUS SUBTILIS CAUSED BY INTRACELLULAR ACCUMULATION OF GLUCOSE-1-PHOSPHATE. PRASAD C, FRESE E *J BACTERIOL* 118: 1111-22, JUN 74 ENG

AMINOTRANSFERASES (metabolism); AUTOLYSIS; BACILLUS SUBTILIS (enzymology, growth & development, metabolism); BACTERIOLYSIS; CELL-FREE SYSTEM; CULTURE MEDIA; FRUCTOSE (metabolism); GALACTOSE (metabolism); GLUCOSAMINE (metabolism); GLUCOSE (metabolism); GLUCOSEPHOSPHATE DEHYDROGENASE (metabolism); GLUCOSEPHOSPHATE ISOMERASE (metabolism); GLUCOSEPHOSPHATES (metabolism); GLYCERIN (metabolism); MUTATION; NUCLEOTIDYLTRANSFERASES (metabolism); PHOSPHOFRUCTOKINASE (metabolism); PHOSPHOGLUCOMUTASE (metabolism); PHOSPHOGLUCONATE DEHYDROGENASE (metabolism); SUGAR PHOSPHATES (biosynthesis); TRANSALDOLASE (metabolism); TRANSFORMATION, GENETIC; TRANSKETOLASE (metabolism).

PRATHER ES

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PROCEEDINGS: THE EFFECT OF INSULIN UPON THE MOVEMENT OF GLUCOSE INTO THE SKELETAL MUSCLE OF THE RAT IN VIVO. DANIEL PM, LOVE ER, PRATT OE *J PHYSIOL (LOND)* 239: 90P-91P, JUN 74 ENG

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LETTER: DIABETIC KETOACIDOSIS PRESENTING AS NEUROSURGICAL EMERGENCIES. PRESTON FE, TIMPERLEY WR, WARD JD *BR MED J* 3: 341-2, 3 AUG 74 ENG

BLOOD COAGULATION; BLOOD PLATELETS; DIABETIC COMA (diagnosis); DIAGNOSIS, DIFFERENTIAL; FIBRIN (metabolism); HEAD INJURIES (complications); HUMAN; NERVOUS SYSTEM DISEASES (diagnosis); THROMBOSIS (etiology).

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RECENT ADVANCES IN MOLECULAR PATHOLOGY. REGRESSION OF ATHEROSCLEROSIS—A PERSPECTIVE. PRICHARD RW *EXP MOL PATHOL* 20: 407-11, JUN 74 ENG

ANIMAL EXPERIMENTS; AORTA (pathology); ARTERIOSCLEROSIS (pathology); CHICKENS; CHOLESTEROL (blood); CHOLESTEROL, DIETARY; DIET, ATHEROGENIC; DOGS; HUMAN; MACACA; MONKEYS; MUSCLE, SMOOTH (pathology); PIGEONS; RABBITS; REMISSION.

PRIEZZHEVA ON

[ACTION OF STREPTOMYCIN ON THE GLYCOLYTIC ENZYME ACTIVITY OF THE LIVER AND THE MYOCARDIUM] PRIEZZHEVA ON *FARMATSIJA* 22: 711-3, NOV-DEC 73 RUS

ALDOLASE (analysis); ANIMAL EXPERIMENTS; ENGLISH ABSTRACT; GLYCOLYSIS (drug effects); HEXOKINASE (analysis); LACTATE DEHYDROGENASE (analysis); LIVER (enzymology); MYOCARDIUM (enzymology); RATS; STREPTOMYCIN (pharmacodynamics); TIME FACTORS.

PRINDULL G

[HORMONAL IMBALANCE IN FANCONIS ANEMIA, DISORDER IN STH AND TESTOSTERONE SECRETION] STUBBE P, PRINDULL G *MONATSSCHR KINDERHEILKID* 122: 610-2, JUL 74 GER

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PHOTOAFFINITY LABELING OF PEPTIDE HORMONE BINDING SITES. GALARDY RE, CRAIG LC, JAMIESON JD, PRINTZ MP *J BIOL CHEM* 249: 3510-8, 10 JUN 74 ENG

PROKOP V

[HEREDITARY FORM OF IDIOPATHIC DIABETES INSIPIDUS—COMPARISON BETWEEN THE EFFECTS OF THERAPY WITH CHLORPROPAMIDE AND CARBAMAZEPINE (AUTHORS' TRANSL)] BLAZEK M, PROKOP V, BLAZKOVA E *CAS LEK CESK* 113: 1133-5, 13 SEP 74 CZE

PROST RJ

EFFECTS OF SATURATED AND UNSATURATED FATTY ACIDS ON BLOOD PLATELET AGGREGATION IN VITRO AND AFTER INJECTION INTO RABBITS. PROST RJ, DVOJAKOVIC M, BARA L, SAMAMA M *ACTA UNIV CAROL [MED MONOGR] (PRAHA)* 53: 403-7, 1972 ENG

ADENOSINE (pharmacodynamics); ADENOSINE DIPHOSPHATE (pharmacodynamics); ADENOSINE TRIPHOSPHATE (pharmacodynamics); ANIMAL EXPERIMENTS; BLOOD CELL COUNT; BLOOD PLATELETS; COLLAGEN (pharmacodynamics); DENSITOMETRY; EPINEPHRINE (pharmacodynamics); FATTY ACIDS (administration & dosage, antagonists & inhibitors, pharmacodynamics); FATTY ACIDS, UNSATURATED (administration & dosage, pharmacodynamics); INJECTIONS, INTRAVENOUS; LINOLENIC ACID (pharmacodynamics); PLATELET ADHESIVENESS (drug effects); RABBITS; SERUM ALBUMIN (pharmacodynamics); STRUCTURE-ACTIVITY RELATIONSHIP; THROMBIN (pharmacodynamics); THROMBOPENIA (chemically induced); TIME FACTORS.

PROST-DVOJAKOVIC RJ

CLOT-PROMOTING AND PLATELET-AGGREGATING EFFECTS OF FATTY ACIDS. PROST-DVOJAKOVIC RJ, SAMAMA M *HAEMOSTASIS* 2: 73-84, 1973-74 ENG

ADENOSINE DIPHOSPHATE (pharmacodynamics); ALBUMINS; ANIMAL EX-

PERIMENTS; BLOOD COAGULATION (drug effects); BLOOD COAGULATION TESTS; DENSITOMETRY; FATTY ACIDS (pharmacodynamics); FILTRATION; GEL FILTRATION; HUMAN; LINOLEIC ACID (pharmacodynamics); LINOLEIC ACID (pharmacodynamics); PLATELET ADHESIVENESS (drug effects); RABBITS; STEARIC ACID (pharmacodynamics).

PRUITT BA JR

CATECHOLAMINES: MEDIATOR OF THE HYPERMETABOLIC RESPONSE TO THERMAL INJURY. WILMORE DW, LONG JM, MASON AD JR, SKREEN RW, PRUITT BA JR *ANN SURG* 180: 653-69, OCT 74 ENG

PUCHWEIN G

UNCOUPLING OF CATECHOLAMINE ACTIVATION OF PIGEON ERYTHROCYTE MEMBRANE ADENYLATE CYCLASE BY FILIPIN. PUCHWEIN G, PFEUFFER T, HELMREICH EJ *J CLIN INVEST* 53: 3232-40, JUN 74 ENG

ADENYL CYCLASE (antagonists & inhibitors, blood); ANIMAL EXPERIMENTS; ANTIBIOTICS; ANTIFUNGAL (pharmacodynamics); BENZANTHRACENES (metabolism); CATECHOLAMINES (pharmacodynamics); CELL MEMBRANE (analysis, enzymology); CHOLESTENES (analysis); CHOLESTEROL (analysis, metabolism); ENZYME ACTIVATION; ERYTHROCYTES (enzymology); FATTY ACIDS, UNSATURATED (pharmacodynamics); FEMALE; GUANOSINE TRIPHOSPHATE (pharmacodynamics); HEMOLYSIS; LACTONES (pharmacodynamics); LIPOSOMES; MALE; PHOSPHORUS RADIOISOTOPES; PIGEONS; POLYENES (pharmacodynamics); PROTEIN BINDING; SPECTROMETRY, FLUORESCENCE; SPECTROPHOTOMETRY; TRITIUM.

PULLIAM MW

PROPERTIES AND SPECIFICITY OF BINDING SITES FOR 12SI-NERVE GROWTH FACTOR IN EMBRYONIC HEART AND BRAIN. FRAZIER WA, BOYD LF, PULLIAM MW, SZUTOWICZ A, BRADSHAW RA *J BIOL CHEM* 249: 5918-23, 25 SEP 74 ENG

PUMP K

IMMUNOLOGICAL STUDIES IN NEPHROPATHIES ACCOMPANYING CHILDHOOD DIABETES MELLITUS. PUMP K, OTTO S *ANN IMMUNOL HUNG* 16: 351-4, 1972 ENG

ADOLESCENCE; ALPHA GLOBULIN (analysis); CYCLOPHOSPHAMIDE (therapeutic use); DIABETES MELLITUS, JUVENILE (complications, drug therapy); ELECTROPHORESIS; ESCHERICHIA COLI (immunology); HUMAN; IMMUNOELECTROPHORESIS; INSULIN (therapeutic use); KIDNEY DISEASES (immunology, etiology); MALE; PROTEINURIA (immunology); SALMONELLA TYPHOSA (immunology); SERUM ALBUMIN (analysis); SHIGELLA FLEXNERI (immunology); SHIGELLA SONNEI (immunology).

PURESKIN NP

EARLY DIAGNOSIS OF A VASCULAR LESION OF THE FUNDUS OCULI IN DIABETES BY MEANS OF FLUORESCENCE MICROANGIOGRAPHY. PURESKIN NP *VOEN MED ZH* 0: 37-9, JUL 74 RUS

ADULT; DIABETIC ANGIOPATHIES (diagnosis); DIABETIC RETINOPATHY (diagnosis); FLUORESCENCE ANGIOGRAPHY; FUNDUS OCULI; HUMAN; MIDDLE AGE; OPHTHALMOSCOPY.

QUARTARONE M

BEHAVIOR OF THE BLOOD SUGAR AFTER SUBINTRANT DOSES OF GLUCAGON AS A POSSIBLE TEST OF HEPATIC FUNCTION. SQUADRITO G, CERUSO D, QUARTARONE M, NICITA-MAURO V *BOLL SOC ITAL BIOL* 59: 1290-5, 30 NOV 73 ITA

INFLUENCE OF A NEW ORAL HYPOGLYCEMIC PRODUCT (GLIBENCLAMIDE-PHENFORMIN) ON SOME ASPECTS OF LIPID METABOLISM. CERUSO D, SQUADRITO G, EMANUELE M, QUARTARONE M, BELLINGHERI G *BOLL SOC ITAL BIOL* 59: 1285-9, 30 NOV 73 ITA

RADDA GK

INTERACTION OF PHOSPHOFRUCTOKINASE WITH THE FLUORESCENT PROBE-2-(N-METHYLANILINO)NAPHTHALENE-6-SULPHONATE. HOFER HW, RADDA GK *EUR J BIOCHEM* 42: 341-7, 1 MAR 74 ENG

RAHMAN MA

CONTRIBUTION OF BLOOD PHOSPHATE ESTERS TO THE BLOOD SACCHAROID FRACTION OF RATS WITH ALLOXAN-INDUCED DIABETES OR TREATED WITH INSULIN OR EPINEPHRINE. ZEENAT-UN-NISA, RAHMAN MA *CLIN CHEM* 20: 1165-72, SEP 74 ENG

RAHMANN H

AXONAL TRANSPORT OF (3H)GLUCOSE RADIOACTIVITY IN THE OPTIC SYSTEM OF SCARDINUS ERYTHROPHthalmus. BREER H, RAHMANN H *J NEUROCHEM* 22: 245-50, FEB 74 ENG

RAITI S

HUMAN GROWTH HORMONE. A SYMPOSIUM. MACLAREN NK, CORNBATH M, RAITI S *AM J DIS CHILD* 127: 906-8, JUN 74 ENG

RAITTA C

MICROCIRCULATION OF OCULAR FUNDUS IN VISCOS CARBON WORKERS EXPOSED TO CARBON DISULFIDE. RAITTA C, TOLONEN M, NURMINEN M *ALBRECHT VON GRAEFES ARCH KLIN OPHTHALMOL* 191: 151-64, 1974 ENG

ADULT; AGE FACTORS; AGED; CARBON DISULFIDE (pharmacodynamics); CHOLESTEROL (blood); ENVIRONMENTAL EXPOSURE; EYE MOVEMENTS (drug effects); FLUORESCENCE ANGIOGRAPHY; FUNDUS OCULI (blood supply); GLUCOSE TOLERANCE TEST; HUMAN; INTRAOCULAR PRESSURE (drug effects); MALE; MICROCIRCULATION (drug effects); MIDDLE AGE; RETINAL VESSELS (drug effects); SMOKING; VISUAL ACUITY (drug effects); VISUAL FIELDS (drug effects).

RAMAIAH A

STABILIZATION OF ACTIVE FORM OF RABBIT LIVER PHOSPHOFRUCTOKINASE. KARADSHAH NS, ANANTHANARAYANAN M, RAMAIAH A *BIOCHEM BIOPHYS RES COMMUN* 57: 771-9, 8 APR 74 ENG

RAMAN PG

KIDNEY SIZE IN DIABETES MELLITUS. KAHN CB, RAMAN PG, ZIC Z *DIABETES* 23: 788-92, SEP 74 ENG

RAMBERT P

DIABETES AND PHEOCHROMOCYTOMAS. RAMBERT P, THERVET F *JOURN ANNU DIABETOL HOTEL DIEU* 13: 243-52, 1972 FRE [29]

ADRENAL GLAND NEOPLASMS (diagnosis, metabolism, surgery); ADRENAL GLANDS (surgery); CATECHOLAMINES (blood);

DIABETES MELLITUS (etiology, therapy); HUMAN; HYPERTENSION (chemically induced); HYPOTENSION (chemically induced); KIDNEY (radiography); PHEOCHROMOCYTOMA (diagnosis, metabolism, surgery); RENAL ARTERY (radiography); REVIEW.

RANFT K

ACTIVE TUBERCULOSIS IN A MEDICAL CLINIC (AUTHORS TRANSL.) RANFT K, HENNEMANN HH, KROKER K *DTSC MED WOCHENSCHR* 99: 1715-9, 30 AUG 74 GER

ADOLESCENCE; ADRENAL CORTX HORMONES (adverse effects); ADULT; AGE FACTORS; AGED; ALCOHOLISM (complications); CARRIER STATE; DIABETES MELLITUS (complications); ENGLISH ABSTRACT; FEMALE; FOLLOW-UP STUDIES; GASTRECTOMY (adverse effects); GERMANY, WEST; HOSPITALS; HUMAN; MALE; MIDDLE AGE; PEPTIC ULCER (complications); SEX FACTORS; TUBERCULOSIS (occurrence); TUBERCULOSIS, LYMPH NODE (occurrence); TUBERCULOSIS, PULMONARY (complications, occurrence); TUBERCULOSIS, SPINAL (occurrence).

RANNELS DE

FACTORS CONTROLLING PROTEIN TURNOVER IN HEART MUSCLE. MORGAN HE, RANNELS DE, KAO RL *CIRC RES* 35: 22-31, SEP 74 ENG

RAO S

EXPERIMENTAL PRODUCTION OF DIABETES MELLITUS BY A NONENDOCRINAL APPROACH. BANERJEE RN, RAO S, BARDHAN J *NATURE* 251: 51-3, 6 SEP 74 ENG

RAPOPORT S

A LINEAR STEADY-STATE TREATMENT OF ENZYMIC CHAINS. A MATHEMATICAL MODEL OF GLYCOLYSIS OF HUMAN ERYTHROCYTES. RAPOPORT TA, HEINRICH R, JACOBASCH G, RAPOPORT S *EUR J BIOCHEM* 42: 107-20, 15 FEB 74 ENG

RAPOPORT SM

KINETIC PROPERTIES OF THE PHOSPHOFRUCTOKINASE FROM ERYTHROCYTES OF RATS AND RABBITS. 1. THE INFLUENCE OF POTASSIUM AND AMMONIUM IONS AND OF INORGANIC PHOSPHATE. KUHN B, JACOBASCH G, GERTH C, RAPOPORT SM *EUR J BIOCHEM* 43: 437-42, 16 APR 74 ENG

KINETIC PROPERTIES OF THE PHOSPHOFRUCTOKINASE FROM ERYTHROCYTES OF RATS AND RABBITS. 2. THE INFLUENCE OF EFFECTORS UNDER NEARLY CELLULAR CONDITIONS. KUHN B, JACOBASCH G, GERTH C, RAPOPORT SM *EUR J BIOCHEM* 43: 443-50, 16 APR 74 ENG

RAPOPORT TA

A LINEAR STEADY-STATE TREATMENT OF ENZYMIC CHAINS. A MATHEMATICAL MODEL OF GLYCOLYSIS OF HUMAN ERYTHROCYTES. RAPOPORT TA, HEINRICH R, JACOBASCH G, RAPOPORT S *EUR J BIOCHEM* 42: 107-20, 15 FEB 74 ENG

AMMONIA; DIPHOSPHOGLYCERIC ACIDS (metabolism); ERYTHROCYTES (enzymology); FRUCTOSEPHOSPHATES (metabolism); GLUCOSEPHOSPHATES (metabolism); GLYCOLYSIS; HEXOKINASE (metabolism); HUMAN; HYDROGEN-ION CONCENTRATION; KINETICS; MODELS, BIOLOGICAL; NAD (metabolism); PHOSPHOENOLPYRUVATE (metabolism); PHOSPHOFRUCTOKINASE (metabolism); PYRUVATE KINASE (metabolism); TEMPERATURE; TIME FACTORS.

RASIO E

A LINEAR STEADY-STATE TREATMENT OF ENZYMIC CHAINS. GENERAL PROPERTIES, CONTROL AND EFFECTOR STRENGTH. HEINRICH R. RAPOPORT TA *EUR J BIOCHEM* 42: 89-95, 15 FEB 74 ENG

RASIO E

[METHODS FOR ISOLATION AND METABOLIC PROPERTIES OF BLOOD CAPILLARY TISSUE] RASIO E *JOURN ANNU DIABETOL HOTEL DIEU* 13: 231-41, 1972 FRE

ADIPOSE TISSUE (blood supply); AIR SACS (blood supply); ALLOXAN DIABETES (metabolism); ANGUILLA (anatomy & histology); ANIMAL EXPERIMENTS; CAPILLARIES (metabolism); CARBON RADIOISOTOPES; EPIDIDYMIS (anatomy & histology); GLUCOSE (metabolism); HISTOLOGICAL TECHNIQS; IN VITRO; INSULIN (pharmacodynamics); ISOTOPE LABELING; RATS.

RASTOGI GK

SERUM GONADOTROPINS (LH AND FSH) AND THEIR RESPONSE TO SYNTHETIC LHRH IN DIABETIC MEN WITH AND WITHOUT IMPOTENCE. RASTOGI GK, CHAKRABORTI J, SINHA MK *HORM METAB RES* 6: 335-6, JUL 74 ENG

ADULT; COMPARATIVE STUDY; DIABETES MELLITUS (blood); FSH (blood, secretion); HUMAN; IMPOTENCE (blood); INJECTIONS, INTRAVENOUS; LH (blood, secretion); LH-FSH RELEASING HORMONE (pharmacodynamics, administration & dosage); MIDDLE AGE; PITUITARY GLAND (drug effects, secretion); RADIOIMMUNOASSAY; TIME FACTORS.

RATCHESON RA

CEREBRAL METABOLIC STATE FOLLOWING COMPLETE COMPRESSION ISCHEMIA. LJUNGREN B, RATCHESON RA, SIESJO BK *BRAIN RES* 73: 291-307, 20 JUN 74 ENG

RATH EA

LIPOPROTEIN LIPASE ACTIVITIES IN TISSUES OF NORMAL AND GENETICALLY OBESE (OB-OB) MICE. RATH EA, HEMS DA, BELOFF-CHAIN A *DIABETOLOGIA* 10: 261-5, AUG 74 ENG

ADIPOSE TISSUE (enzymology); AGE FACTORS; ANIMAL EXPERIMENTS; COMPARATIVE STUDY; HEART VENTRICLE (enzymology); HYPERGLYCEMIA (enzymology); INSULIN RESISTANCE; LIPOPROTEIN LIPASE (metabolism); MICE, IN-BRED STRAINS; MUSCLES (enzymology); MYOCARDIUM (enzymology); OBESITY (familial & genetic, enzymology, metabolism); STARVATION; TRIGLYCERIDES (blood, metabolism).

RATHERY M

[GLUCAGON IN THERAPY] RATHERY M *JOURN ANNU DIABETOL HOTEL DIEU* 13: 119-23, 1972 FRE [0]

GLUCAGON (therapeutic use, adverse effects, administration & dosage); GLYCOGENOSIS (drug therapy); HEART DISEASES (drug therapy); HUMAN; HYPOGLYCEMIA (drug therapy); REVIEW.

RATZMANN KP

[THE INTRAVENOUS GLUCOSE TOLERANCE TEST IN PATIENTS WITH CHOLELITHIASIS AND LIVER CIRRHOSIS] RATZMANN KP, MEYER LW, BAUFELD W Z *GESAMTE INN MED* 29: 331-3, 15 APR 74 GER

ADULT; BLOOD SUGAR (analysis); CHOLELITHIASIS (metabolism, blood); ENGLISH ABSTRACT; FEMALE; GLUCOSE TOLERANCE TEST (methods); HUMAN; INJECTIONS, INTRAVENOUS; LIVER CIRRHOSIS (metabolism, blood); MALE; MIDDLE AGE.

RAVNSKOV U

EXPERIMENTAL PORCINE NEPHROPATHY. CHANGES OF RENAL FUNCTION AND STRUCTURE INDUCED BY OCHRATOXIN A-CONTAMINATED FEED. KROGH P, AXELSEN NH, ELLING F, GYRD-HANSEN N, HALD B, HYLGAARD-JENSEN J, LARSEN AE, MADSEN A, MORTENSEN HP, MOLLER T, PETERSEN OK, RAVNSKOV U, ROSTGAARD M, AALUND O *ACTA PATHOL MICROBIOL SCAND [A]* 0: 1-21, 1974 ENG

RAYFIELD EJ

L-DOPA INDUCED PLASMA GLUCAGON RELEASE. GEORGE DT, RAYFIELD EJ *J CLIN ENDOCRINOL METAB* 39: 618-21, SEP 74 ENG

REAGAN CR

EFFECTS OF HUMAN SOMATOMEDIN PREPARATIONS ON MEMBRANE TRANSPORT AND PROTEIN SYNTHESIS IN THE ISOLATED RAT DIAPHRAGM. UTHNE K, REAGAN CR, GIMPEL LP, KOSTYO JL *J CLIN ENDOCRINOL METAB* 39: 548-54, SEP 74 ENG

REAVEN GM

EVIDENCE THAT HEMODIALYSIS DOES NOT IMPROVE THE GLUCOSE TOLERANCE OF PATIENTS WITH CHRONIC RENAL FAILURE. SWENSON RS, WEISINGER J, REAVEN GM *METABOLISM* 23: 929-36, OCT 74 ENG

RECHLER MM

DNA SYNTHESIS IN HUMAN FIBROBLASTS: STIMULATION BY INSULIN AND BY NON-SUPPRESSIBLE INSULIN-LIKE ACTIVITY (NSILA-S). RECHLER MM, PODSKALNY JM, GOLDFINE ID, WELLS CA *J CLIN ENDOCRINOL METAB* 39: 512-21, SEP 74 ENG

ANIMAL EXPERIMENTS; AUTORADIOGRAPHY; BLOOD; CELL NUCLEUS (metabolism); CELLS, CULTURED; CHROMATOGRAPHY, DEAE-CELLULOSE; COMPARATIVE STUDY; CULTURE MEDIA; DNA (biosynthesis); DOSE-RESPONSE RELATIONSHIP; DRUG; FIBROBLASTS (metabolism, drug effects); GUINEA PIGS; HUMAN; INSULIN (pharmacodynamics, blood); STIMULATION, CHEMICAL; THYMIDINE (metabolism); THYMINE NUCLEOTIDES (biosynthesis); TIME FACTORS; TRITIUM.

REDDY WJ

GLUCOSE AND OCTANOATE UTILIZATION BY ISOLATED ADULT RAT HEART CELLS. GLICK MR, BURNS AH, REDDY WJ *LIFE SCI* 14: 1473-85, 16 APR 74 ENG

REES ED

ABNORMAL METABOLISM OF AMINO ACIDS IN URAEMIA. LUKE RG, REES ED, WINTER-NITZ WW, BURCHETT T *PROC EUR DIAL TRANSPLANT ASSOC* 10: 152-9, 1973 ENG

REGEN DM

ANOMALOUS TRANSPORT KINETICS AND THE GLUCOSE CARRIER HYPOTHESIS. REGEN DM, TAPLEY HL *BIOCHIM BIOPHYS ACTA* 339: 218-33, 15 MAR 74 ENG

BIOLOGICAL TRANSPORT, ACTIVE; CARBON RADIOISOTOPES; CELL MEMBRANE (drug effects, metabolism); ERYTHROCYTES (cytology, metabolism); GALACTOSE (pharmacodynamics); GLUCOSE (pharmacodynamics, metabolism); HEXOSES (metabolism); HUMAN; KINETICS; MATHEMATICS; MODELS, BIOLOGICAL; SORBOSE (metabolism); TIME FACTORS; TRITIUM.

REICHERT LE

RADIOIMMUNOASSAY OF RABBIT GROWTH HORMONE. MCINTYRE HB, ODELL WD,

REICHERT LE *ENDOCRINOLOGY* 94: 1568-76, JUN 74 ENG

REINHARDT M

[CATAMNESTIC STUDIES ON PATIENTS WITH CHRONIC LIVER DISEASES IN A LIVER SANATORIUM] JORKE D, TAESCHNER H, WAGNER M, REINHARDT M Z *GESAMTE INN MED* 29: 580-7, 15 JUL 74 GER

REITZER LJ

REGULATORY KINETICS OF YEAST HEXOKINASE IN SITU. REITZER LJ, NEET KE *BIOCHIM BIOPHYS ACTA* 341: 201-12, 21 MAR 74 ENG

ADENOSINE TRIPHOSPHATE (pharmacodynamics); CELL COUNT; CELL DIVISION; CELL MEMBRANE (drug effects, enzymology); CELL MEMBRANE PERMEABILITY; CITRATES (pharmacodynamics); FRUCTOSE; GLUCOSE; HEXOKINASE (metabolism); HYDROGEN-ION CONCENTRATION; KINETICS; MAGNESIUM (pharmacodynamics); SACCCHAROMYCES CEREVISIAE (cytology, drug effects, enzymology); STAINS AND STAINING; TIME FACTORS.

REIZER J

PROPERTIES OF ALPHA-AMINOISOBUTYRIC ACID TRANSPORT IN A THERMOPHILIC MICROORGANISM. REIZER J, GROSOWICZ N *J BACTERIOL* 118: 414-24, MAY 74 ENG

AMINO ACIDS (metabolism, pharmacodynamics); AMINOISOBUTYRIC ACID (metabolism); AZIDES (pharmacodynamics); BACTERIA (growth & development, metabolism); BIOLOGICAL TRANSPORT, ACTIVE; CARBON RADIOISOTOPES; CHROMATOGRAPHY, PAPER; CULTURE MEDIA; CYANIDES (pharmacodynamics); DINITROPHENOLS (pharmacodynamics); GLUCOSE (metabolism); HEAT; LEUCINE (metabolism); MUTATION; SPECTROPHOTOMETRY; SUCCINATES (metabolism); SULFHYDRYL REAGENTS (pharmacodynamics); TRITIUM; TYROSINE (metabolism).

RELIGA A

PROPRANOLOL IN THE TREATMENT OF ACUTE MYOCARDIAL INFARCTION. EFFECT ON MYOCARDIAL OXYGENATION AND HEMODYNAMICS. MUELLER HS, AYRES SM, RELIGA A, EVANS RG *CIRCULATION* 49: 1078-87, JUN 74 ENG

REMMER H

[INFLUENCE OF ETHANOL ON THE METABOLISM OF DRUGS] REMMER H *ARCH BIOL MED EXP (SANTIAGO)* 3: 85-8, 1969 SPA

ALCOHOL, ETHYL (pharmacodynamics, metabolism); ALDRIN (metabolism); ANIMAL EXPERIMENTS; ANTIHISTAMINICS (metabolism); BENZOPYRENES (metabolism); CARCINOGENS (metabolism); DDT (metabolism); DRUG INTERACTIONS; DRUGS (metabolism); INSECTICIDES, ORGANOCHEMICALS (metabolism); METHYLCHOLANTHRENE (metabolism); NIKETHAMIDE (metabolism); PHENOBARBITAL (metabolism); PHENOTHIAZINES (metabolism); RATS; TOLBUTAMIDE (metabolism).

RENOLD AE

[PHYSIOLOGY OF INSULIN SECRETION. 2. FURTHER INTERPRETATIONS] RENOLD AE, ORC L, LAMBERT AE *JOURN ANNU DIABETOL HOTEL DIEU* 13: 37-40, 1972 FRE [7]

CELLS (metabolism); HORMONES (metabolism); INSULIN (secretion); ISLANDS OF LANGERHANS (secretion, cytology); NEU-

ROSECREATORY SYSTEMS (metabolism); REVIEW.

REYE RD

THE PATHOLOGY OF CONGENITAL RUBELLA: A REVIEW WRITTEN BY REQUEST. MENSER MA, REYE RD *PATHOLOGY* 6: 215-22, JUL 74 ENG [75]

REYNOLDS WA

PLACENTAL TRANSFER OF STREPTOZOTOCIN IN THE RHESUS MONKEY. REYNOLDS WA, CHEZ RA, BHUYAN BK, NEIL GL *DIABETES* 23: 777-82, SEP 74 ENG

ANIMAL EXPERIMENTS; AUTORADIOGRAPHY; CARBON RADIOISOTOPES; FETUS (drug effects); FROZEN SECTIONS; INJECTIONS, INTRAVENOUS; ISLANDS OF LANGERHANS (cytology, metabolism); MATERNAL-FETAL EXCHANGE; PANCREAS (metabolism, embryology); PLACENTA (metabolism); RHESUS MONKEYS; STREPTOZOTOCIN (metabolism, administration & dosage, blood); TIME FACTORS.

RIBES G

TOLBUTAMIDE AND GLUCAGON SECRETION. LOUBATIERES AL, LOUBATIERES-MARIANI MM, ALRIC R, RIBES G *DIABETOLOGIA* 10: 271-6, AUG 74 ENG

RICE JS

DIABETIC INFECTION, ULCERATION AND GANGRENE. RICE JS *J AM PODIATRY ASSOC* 64: 774-81, OCT 74 ENG
BLOOD SUGAR (metabolism); BONE DISEASES (etiology); DEBRIDEMENT; DIABETIC ANGIOPATHIES (complications, microbiology); DIABETIC NEUROPATHIES (complications, microbiology); FOOT DISEASES (etiology); GANGRENE (etiology); GLUCOSE (metabolism); HUMAN; LEG ULCER (etiology); SKIN (metabolism).

RICHTER H

[ASYMPTOMATIC HYPOGLYCEMIA IN PREMATURES FROM THE POINT OF VIEW OF DIFFERENT METHODS OF GLUCOSE DETERMINATION IN BLOOD (AUTHORS TRANSL)] JAROSCH E, RICHTER H, MADREITER H *PAEDIATR PAEDOL* 9: 247-51, 1974 GER

RIEHM H

[ACUTE DIABETIC METABOLIC DISORDERS DURING THERAPY OF LYMPHOBLASTIC LEUKEMIAS] KEGEL J, GADNER H, RIEHM H, WEBER B *MONATSSCHR KINDERHEILK* 122: 694-5, JUL 74 GER

RIESE W

[THE CONTINUOUS MEASUREMENT OF PLATELET AGGREGATION WITHOUT ADDITION OF AGGREGATION STIMULATORS. I. METHODS AND CLINICAL RESULTS] JAGER W, KUTSCHERA J, WENDEBERG H, KAUSCHMANN R, RIESE W, PIETSCH U, BERGER E, BENNERT C *BLUT* 29: 184-94, SEP 74 GER

RINIKER B

BIOLOGICAL ACTIVITY OF SYNTHETIC HUMAN CORTICOTROPIN WITH REVISED AMINO ACID SEQUENCE. SCHENKEL-HULIGER L, MAIER R, BARTHE PL, DESAULLES PA, JARRET A, RINIKER B, RITTEL W, SIEBER P *ACTA ENDOCRINOL (KBH)* 75: 24-32, JAN 74 ENG

RITTEL W

BIOLOGICAL ACTIVITY OF SYNTHETIC HUMAN CORTICOTROPIN WITH REVISED AMINO ACID SEQUENCE. SCHENKEL-HULIGER L, MAIER R, BARTHE PL,

DESAULLES PA, JARRET A, RINIKER B, RITTEL W, SIEBER P *ACTA ENDOCRINOL (KBH)* 75: 24-32, JAN 74 ENG

RITTERMAN I

[ENDOGENOUS INSULIN RESERVE IN JUVENILE DIABETICS AS A CRITERION FOR THERAPY] RITTERMAN I, DORON M, KARP M, LARON Z *HAREFUH* 87: 50-3, 15 JUL 74 HEB
ADOLESCENCE; CHILD; CHILD, PRESCHOOL; CLINICAL RESEARCH; DIABETES MELLITUS, JUVENILE (physiopathology, diet therapy, drug therapy); ENGLISH ABSTRACT; FEMALE; HUMAN; INSULIN (secretion); MALE.

RIVAROLA M

LEVELS OF PLASMA GROWTH HORMONE IN CHILDREN WITH CONGENITAL HEART DISEASE. FAHRER M, GRUNEIRO L, RIVAROLA M, BERGADA C *ACTA ENDOCRINOL (KBH)* 77: 451-9, NOV 74 ENG

RIVIER JE

SOMATOSTATIN. TOTAL SOLID PHASE SYNTHESIS. RIVIER JE *J AM CHEM SOC* 96: 2986-92, 1 MAY 74 ENG
AMINO ACID SEQUENCE; CHROMATOGRAPHY; COMPARATIVE STUDY; ELECTROPHORESIS; PEPTIDES; SOMATOTROPIN RELEASING HORMONE (antagonists & inhibitors); SPECTRUM ANALYSIS.

ROBAYNA G

[FUNCTIONING TUMOR OF THE PANCREAS (INSULINOMA)] ROBAYNA G, GONZALEZ E *REV ESP ENFERM APAR DIG* 42: 715-24, 15 MAR 74 SPA
CASE REPORT; FEMALE; HUMAN; ISLET CELL TUMOR; MIDDLE AGE; PANCREATIC NEOPLASMS.

ROBERT M

OXYGEN AFFINITY OF WHOLE BLOOD IN VIVO AND UNDER STANDARD CONDITIONS IN SUBJECTS WITH DIABETES MELLITUS. ARTURSON G, GARBY L, ROBERT M, ZAAR B *SCAND J CLIN LAB INVEST* 34: 19-22, SEP 74 ENG

ROBINSON DS

EFFECTS OF COLD EXPOSURE ON HEART CLEARING FACTOR LIPASE AND TRIGLYCERIDE UTILIZATION IN THE RAT. ROGERS MP, ROBINSON DS *J LIPID RES* 15: 263-72, MAY 74 ENG
HORMONAL CONTROL OF ADIPOSE TISSUE CLEARING FACTOR LIPASE ACTIVITY. DAVIES P, CRYER A, ROBINSON DS *FEBS LETT* 45: 271-5, 1 SEP 74 ENG

ROCHFERT JG

SURVIVAL AND GROWTH IN A WOMAN WITH UNTREATED HYPOTHALAMIC PANHYPOTITUITARISM OF 21 YEARS DURATION. TOLIS G, CRUETS S, GOLDSTEIN M, FRIESEN HG, ROCHEFORT JG *CAN MED ASSOC J* 111: 553-6, 21 SEP 74 ENG

RODBELL M

5-GUANYLYLIMIDODIPHOSPHATE, A POTENT ACTIVATOR OF ADENYLATE CYCLASE SYSTEMS IN EUKARYOTIC CELLS. LONDOS C, SALOMON Y, LIN MC, HARWOOD JP, SCHRAMM M, WOLFF J, RODBELL M *PROC NATL ACAD SCI USA* 71: 3087-90, AUG 74 ENG

ROG-GROCHOWSKA E

[GLUCOSE AND GALACTOSE ABSORPTION IN INFANTS WITH DEFECTS OF THE UPPER SEGMENT OF THE GASTROINTESTINAL TRACT DURING THE OPERATIVE PERIOD] JASKIEWICZ J, ROG-GROCHOWSKA E,

SZAFRAN H *FOLIA MED CRACOV* 16: 273-96, 1974 POL

ROGERS KJ

IN VIVO CHANGES OF CEREBRAL CYCLIC ADENOSINE 3,5-MONOPHOSPHATE INDUCED BY BIOGENIC AMINES: ASSOCIATION WITH PHOSPHORYLASE ACTIVATION. EDWARDS C, NAHORSKI SR, ROGERS KJ *J NEUROCHEM* 22: 565-72, APR 74 ENG

ROGERS MP

EFFECTS OF COLD EXPOSURE ON HEART CLEARING FACTOR LIPASE AND TRIGLYCERIDE UTILIZATION IN THE RAT. ROGERS MP, ROBINSON DS *J LIPID RES* 15: 263-72, MAY 74 ENG

ANIMAL EXPERIMENTS; CARBON RADIOISOTOPES; CHYLOMICRONS (metabolism); COLD; COMPARATIVE STUDY; FASTING; FATTY ACIDS, NONESTERIFIED (blood); FEMALE; GLUCOSE (pharmacodynamics); HEART (drug effects); HEPARIN (pharmacodynamics); LIPID MOBILIZATION; LIPOPROTEIN LIPASE (blood, metabolism); MYOCARDIUM (enzymology); PERFUSION; RATS; TIME FACTORS; TRIGLYCERIDES (blood, metabolism).

ROLANDI E

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SASAKI H

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ADOLESCENCE; ADULT; BODY HEIGHT; CENTRAL NERVOUS SYSTEM DISEASES (blood); CHILD; CHILD, PRESCHOOL; CORTICOTROPIN (blood); DWARFISM (blood); ENDOCRINE DISEASES (blood); FEMALE; HUMAN; HYDROCORTISONE (blood); INFANT; INSULIN (pharmacodynamics); LH (blood); LH-FSH RELEASING HORMONE (pharmacodynamics); MALE; OBESITY (blood); SOMATOTROPIN (blood); THYROTROPIN RELEASING HORMONE (pharmacodynamics); THYROTROPIN (blood).

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SCHETTLE G

RISK FACTORS IN CORONARY HEART DISEASE: POSSIBILITIES OF PREVENTION IN THE FEDERAL REPUBLIC OF WEST GERMANY. SCHETTLE G *ADV EXP MED BIOL* 26: 195-205, 1972 ENG

AGE FACTORS; BODY WEIGHT; CHOLESTEROL (blood); COMPARATIVE STUDY; DIABETES MELLITUS (complications); EUROPE; FEMALE; GERMANY, WEST; HEPARIN (therapeutic use); HUMAN; HYPERTENSION (complications); JAPAN; MALE; MYOCARDIAL INFARCT (prevention & control, etiology, occurrence, complications, blood, drug therapy, mortality); OBESITY (complications); RISK; SMOKING; TIME FACTORS; TRIGLYCERIDES (blood); UNITED STATES; URIC ACID (blood); WORLD HEALTH ORGANIZATION.

SCHIERBECK B

STUDIES ON A POSSIBLE PHOSPHORYL-ENZYME INTERMEDIATE IN THE CATALYTIC REACTION OF YEAST PHOSPHOGLYCERATE KINASE. LARSSON-RAZNIKIEWICZ M, SCHIERBECK B *BIOCHEM BIOPHYS RES COMMUN* 57: 627-34, 8 APR 74 ENG

SCHIFFERDECKER J

THE INHIBITION OF L-3-HYDROXYACYL-COA DEHYDROGENASE BY ACETOACETYL-COA AND THE POSSIBLE EFFECT OF THIS INHIBITOR ON FATTY ACID OXIDATION. SCHIFFERDECKER J, SCHULZ H *LIFE SCI* 14: 1487-92, 16 APR 74 ENG

ACETOACETATES (pharmacodynamics); ALCOHOL OXIDOREDUCTASES (antagonists & inhibitors); ANIMAL EXPERIMENTS; BINDING, COMPETITIVE; BINDING SITES; COENZYME A (pharmacodynamics); COMPARATIVE STUDY; FATTY ACIDS (metabolism); HYDROXYBUTYRATE DEHYDROGENASE (antagonists & inhibitors); HYDROXYBUTYRATES; KINETICS; LIPID MOBILIZATION (drug effects); MYOCARDIUM (enzymology); NAD; OXIDATION-REDUCTION; PROTEIN BINDING; SPECTROPHOTOMETRY, ULTRAVIOLET; SWINE.

SCHILLING JA

A QUANTITATIVE COMPARISON OF CARBOHYDRATES IN EXPERIMENTALLY INDUCED CONNECTIVE TISSUE OF MAN, DOG AND RAT. WHITE BN, LOCKHART MS, SCHILLING JA *COMP BIOCHEM PHYSIOL* [B] 48: 315-320, 15 JUN 74 ENG

SCHIMMEL RJ

INHIBITION OF FREE FATTY ACID MOBILIZATION BY COLCHICINE. SCHIMMEL RJ *J LIPID RES* 15: 206-10, MAY 74 ENG

ADENOSINE CYCLIC 3,5 MONOPHOSPHATE (metabolism); ADIPOSE TISSUE (drug effects, metabolism); ANIMAL EXPERIMENTS; BIOLOGICAL TRANSPORT; CARBON DIOXIDE (metabolism); COLCHICINE (pharmacodynamics); COMPARATIVE STUDY; DEPRESSION, CHEMICAL; EPIDIDYMIS; EPINEPHRINE (pharmacodynamics); FATTY

ACIDS, NONESTERIFIED (metabolism); GLUCOSE (metabolism); GLYCERIN (metabolism); LIPID MOBILIZATION (drug effects); MALE; RATS; THEOPHYLLINE (pharmacodynamics); TIME FACTORS.

SCHIRALDI F

[THE GLIBENCLAMIDE-PHENFORMIN COMBINATION IN THE THERAPY OF DIABETES MELLITUS] POSTIGLIONE F, VERDOLIVA A, SCHIRALDI F *CLIN TER* 70: 147-51, 31 JUL 74 ITA

SCHIRPKE B

BINDING OF CALCIUM TO A CELL MEMBRANE-ENRICHED PREPARATION FROM PIG MYOCARDIUM: INCREASE IN CALCIUM AFFINITY UPON MEMBRANE PROTEIN PHOSPHORYLATION ENHANCED BY A MEMBRANE-BOUND CYCLIC AMP-DEPENDENT PROTEIN KINASE. WILL H, SCHIRPKE B, WOLLENBERGER A *ACTA BIOL MED GER* 31: K45-52, 1973 ENG

SCHLIACK V

[DIPENSATORY CARE OF METABOLIC DISEASES WITH SPECIAL REFERENCE FROM DIABETES MELLITUS] SCHLIACK V *Z AERZTL FORTBILD (JENA)* 68: 384-6, 15 APR 74 GER

AMBULATORY CARE; ANTIDIABETICS (therapeutic use); DIABETES MELLITUS (diagnosis, drug therapy); GERMANY, EAST; HUMAN; INSULIN (therapeutic use); MASS SCREENING.

[REHABILITATION OF PATIENTS WITH DIABETES MELLITUS] SCHLIACK V, BIBERGEL H *Z GESAMTE HYG* 20: 367-8, JUN 74 GER

DIABETES MELLITUS (rehabilitation); ENGLISH ABSTRACT; GERMANY, EAST; HUMAN.

SCHLUMS D

[SYSTEMATIC LABORATORY STUDIES IN PATIENTS WITH PERIODONTAL DISEASES] HARNDT R, SCHLUMS D, HOEFIG W *DTSCH ZAHNARZTL Z* 99: 260-5, FEB 73 GER

SCHMID F

STAIRCASE GLUCOSE STIMULATION OF INSULIN SECRETION IN OBESITY. MEASURE OF BETA-CELL SENSITIVITY AND CAPACITY. KARAM JH, GRODSKY GM, CHING KN, SCHMID F, BURRILL K, FORSHAM PH *DIABETES* 23: 763-70, SEP 74 ENG

SCHMID P

[A DEVICE FOR THE RAPID DETERMINATION OF INTRAVENOUS GLUCOSE TOLERANCE TEST RESULTS (AUTHORS TRANSL.)] SCHMID P *WIEN KLIN WOCHENSCHR* 86: 428-30, 16 AUG 74 GER

BLOOD SUGAR (analysis); ENGLISH ABSTRACT; GLUCOSE TOLERANCE TEST (instrumentation); GLUCOSE (administration & dosage); HUMAN; INJECTIONS, INTRAVENOUS; MATHEMATICS; TIME FACTORS.

SCHMID-SCHONBEIN H

[MICRORHEOLOGIC BEHAVIOR OF BLOOD IN DIABETES MELLITUS] VOLGER E, SCHMID-SCHONBEIN H *MED WELT* 25: 1211-3, 12 JUL 74 GER

SCHMIDT G

[EFFECT OF BETA PYRIDYL CARBINOL ON BLOOD SUGAR, INSULIN, POTASSIUM, FREE FATTY ACIDS AND HEMATOOCRIT IN THE MINIATURE PIG] MARSHALL M, SCHMIDT G, SPRADEL U *ZENTRALBL VETERINAERMED [A]* 21: 492-8, JUN 74 GER

SCHMIDT P

EFFECT OF DIFFERENT CARBOHYDRATE COMPONENTS ON CALORIE INTAKE AND BODY WEIGHT OF RATS ON PROTEIN-DEFICIENT AND NORMAL-PROTEIN DIETS. ANDIK I, SCHMIDT P *ACTA PHYSIOL ACAD SCI HUNG* 43: 221-6, 1973 ENG

SCHNEIDER WH

[CYCL AMP INFLUENCE ON GLUCOSE METABOLISM IN HUMAN BLOOD PLATELETS] SCHNEIDER WH, VILLAR-PALASI C, LARNER J *VERH DTSCH GES INN MED* 79: 488-90, 1973 GER

ADENOSINE CYCLIC 3,5 MONOPHOSPHATE (pharmacodynamics); BLOOD PLATELETS (analysis, metabolism, drug effects); GLUCOSE (metabolism); GLYCOGEN (blood); HUMAN.

SCHNOHR P

ENZYME CONCENTRATIONS IN SERUM AFTER PROLONGED PHYSICAL EXERCISE. SCHNOHR P *DAN MED BULL* 21: 68-71, APR 74 ENG

ADULT; AGED; ASPARTATE AMINOTRANSFERASE (blood); BLOOD SEDIMENTATION; BLOOD SUGAR (metabolism); CHLORIDES (blood); CHOLESTEROL (blood); CREATINE KINASE (blood); CREATININE (blood); EXERCISE; GLUTAMYL TRANSPEPTIDASE (blood); HEMOGLOBIN (metabolism); HUMAN; LACTATE DEHYDROGENASE (blood); MALE; POTASSIUM (blood); SODIUM (blood); SPORTS; TIME FACTORS; TRIGLYCERIDES (blood).

SCHOFIELD PJ

SORBITOL METABOLISM IN THE RETINA: ACCUMULATION OF PATHWAY INTERMEDIATES IN STREPTOZOTOCIN INDUCED DIABETES IN THE RAT. HUTTON JC, SCHOFIELD PJ, WILLIAMS JF, HOLLOWS FC *AUST J EXP BIOL MED SCI* 52: 361-73, APR 74 ENG

SCHOLTE A

TWENTY-FOUR-HOUR HYPOTHERMIC PRESERVATION PERFUSION AND STORAGE OF THE DUCT-LIGATED CANINE PANCREAS WITH TRANSPLANTATION. WESTBROEK DL, DE GRUYL J, DIKHUIS CM, MCDICKEN I, DROP A, SCHOLTE A, HULSMANS HA *TRANSPLANT PROC* 6: 319-22, SEP 74 ENG

SCHONBORN J

EFFECT OF HYPOGLYCEMIC SULFONYLUREAS ON HEPATIC FRUCTOSE METABOLISM IN THE RAT. SCHONBORN J, POSER W, PANTEN U, HASSELBLATT A *HORM METAB RES* 6: 284-3, JUL 74 ENG

ACETOACETATES (metabolism); ADENOSINE DIPHOSPHATE (metabolism); ADENOSINE TRIPHOSPHATE (metabolism); ANIMAL EXPERIMENTS; CHLORPROPAMIDE (pharmacodynamics); COMPARATIVE STUDY; FASTING; FLAVOPROTEINS (metabolism); FRUCTOSE (metabolism); GLIBENCLAMIDE (pharmacodynamics); GLUCONEOGENESIS (drug effects); HYDROGEN-ION CONCENTRATION; HYDROXYBUTYRATES (metabolism); HYPOGLYCEMIA (metabolism, chemically induced); KETONE BODIES (biosynthesis); LIVER (metabolism, drug effects); MALE; MITOCHONDRIA, LIVER (metabolism, drug effects); OXIDATION-REDUCTION; PERFUSION; RATS; SPECTROMETRY, FLUORESCENCE; SULFONYLUREA COMPOUNDS (pharmacodynamics); TIME FACTORS; TOLBUTAMIDE (analogs & derivatives, pharmacodynamics).

SCHONFELD G

CHARACTERIZATION OF THE PLASMA LIPOPROTEINS OF THE GENETICALLY

OBESE HYPERLIPOPROTEINEMIC ZUCKER FATTY RAT. SCHONFELD G, FELSCHI C, HOWALD MA *J LIPID RES* 15: 457-64, SEP 74 ENG

ADIPOSE TISSUE (enzymology); ANIMAL EXPERIMENTS; APOPROTEINS (blood); CARBON RADIOISOTOPES; EPIDIDYMIS; FATTY ACIDS, NONESTERIFIED (blood); HYPERLIPEMIA (blood, familial & genetic); INSULIN (blood); LIPIDS (blood); LIPOPROTEIN LIPASE (metabolism); LIPOPROTEINS (blood, isolation & purification); LIPOPROTEINS, HDL (blood); LIPOPROTEINS, LDL (blood); LIPOPROTEINS, VLDL (blood, metabolism, secretion); MALE; OBESITY (blood, familial & genetic); PHOSPHOLIPIDS (blood); RATS, INBRED STRAINS; TRIGLYCERIDES (blood); ULTRACENTRIFUGATION.

SCHOOP W

[CLINICAL PICTURE AND THERAPY OF PERIPHERAL ARTERIAL DISEASES] SCHOOP W *MED WELT* 25: 1189-93, 12 JUL 74 GER

ARTERIAL OCCLUSIVE DISEASES (therapy, diagnosis); DIABETIC ANGIOPATHIES (therapy); EXTREMITIES (blood supply); HUMAN; INTERMITTENT CLAUDICATION (therapy); LEG ULCER (therapy); NECROSIS.

SCHRAMM M

5-GUANYLYLMIDODIPHOSPHATE, A POTENT ACTIVATOR OF ADENYLATE CYCLASE SYSTEMS IN EUKARYOTIC CELLS. LONDOS C, SALOMON Y, LIN MC, HARWOOD JP, SCHRAMM M, WOLFF J, ROBBELL M *PROC NATL ACAD SCI USA* 71: 3087-90, AUG 74 ENG

SCHUKOWSKI H

[JUVENILE DIABETES MELLITUS AND SECONDARY DISEASE FROM THE CURRENT VIEWPOINT] SCHUKOWSKI H, LUDTKE E, HAUBENREISER H *KINDERARZT PRAX* 42: 114-20, MAR 74 GER

ADOLESCENCE; CHILD; DENTAL CARIES (etiology); DIABETES MELLITUS, JUVENILE (complications); DIABETIC RETINOPATHY (etiology); HUMAN; LIVER DISEASES (etiology); SKIN DISEASES (etiology); URINARY TRACT INFECTIONS (etiology).

SCHULZ H

LONG CHAIN ENOYL COENZYME A HYDRATASE FROM PIG HEART. SCHULZ H *J BIOL CHEM* 249: 2704-9, 10 MAY 74 ENG

ACETOACETATES (metabolism); AMMONIUM SULFATE; ANIMAL EXPERIMENTS; CATTLE; CELL FRACTIONATION; CHLOROMERCURIBENZOATES (pharmacodynamics); CHROMATOGRAPHY, DEAE-CELLULOSE; COENZYME A; CROTONATES (metabolism); ETHYLMALEIMIDE (pharmacodynamics); FATTY ACIDS, UNSATURATED (metabolism); FATTY ALCOHOLS; HYDRO-LYASES (antagonists & inhibitors, isolation & purification); KINETICS; MEMBRANES (enzymology); MITOCHONDRIA, MUSCLE (enzymology); MYOCARDIUM (cytology, enzymology); SERUM ALBUMIN, BOVINE (pharmacodynamics); STEREOISOMERS; STRUCTURE-ACTIVITY RELATIONSHIP; SWINE.

THE INHIBITION OF L-3-HYDROXYACYL-COA DEHYDROGENASE BY ACETOACETYL-COA AND THE POSSIBLE EFFECT OF THIS INHIBITOR ON FATTY ACID OXIDATION. SCHIFFERDECKER J, SCHULZ H *LIFE SCI* 14: 1487-92, 16 APR 74 ENG

SCHULZ KH

[THE ENTITIES OF NECROBIOSIS MACULOSA, GRANULOMATOSIS DISCIFORMIS CHRONICA ET PROGRESSIVA MIESCHER, AND THEIR RELATION TO NECROBIOSIS

LIPOIDICA DIABETICORUM] NOSTER U, JANNER M, SCHULZ KH *HAUTARZT* 25: 325-32, JUL 74 GER

SCHWANDT P

GROUP EXPERIMENTS ON THE RADIOIMMUNOLOGICAL INSULIN DETERMINATION. MARSCHNER I, BOTTERMANN P, ERHARDT F, LINKE R, LOFFLER G, MAIER V, SCHWANDT P, VOGT W, SCRIBA PC *HORM METAB RES* 6: 293-6, JUL 74 ENG

SCHWYZER R

HORMONE-RECEPTOR INTERACTIONS. ADRENOCORTICOTROPIC HORMONE BINDING SITE INCREASE IN ISOLATED FAT CELLS BY PHENOXAZONES. LANG U, KARLAGANIS G, VOGEL R, SCHWYZER R *BIOCHEMISTRY* 13: 2626-33, 4 JUN 74 ENG

SCOLLO-LAVIZZARI G

SLEEP, SLEEP DEPRIVATION, PHOTSENSITIVITY AND EPILEPSY. SCOLLO-LAVIZZARI G, SCOLLO-LAVIZZARI GR *EUR NEUROL* 11: 1-21, 1974 ENG

ANIMAL EXPERIMENTS; BABOONS; BLOOD SUGAR (analysis); CEREBRAL CORTEX (physiopathology); DISEASE MODELS, ANIMAL; ELECTROENCEPHALOGRAPHY; EPILEPSY (physiopathology, etiology); HUMAN; LIGHT (adverse effects); MONKEYS; MYOCLONUS (etiology); PHOTIC STIMULATION; SLEEP; SLEEP DEPRIVATION; SLEEP, REM.

SCOLLO-LAVIZZARI GR

SLEEP, SLEEP DEPRIVATION, PHOTSENSITIVITY AND EPILEPSY. SCOLLO-LAVIZZARI G, SCOLLO-LAVIZZARI GR *EUR NEUROL* 11: 1-21, 1974 ENG

SCOTT PJ

SERUM LIPOPROTEINS IN PIGS ON HIGH-CHOLESTEROL-HIGH-TRIGLYCERIDE DIETS. CALVERT GD, SCOTT PJ *ATHEROSCLEROSIS* 19: 485-92, MAY-JUN 74 ENG

PROGNOSIS AFTER MYOCARDIAL INFARCTION. SIX-YEAR FOLLOW-UP. NORRIS RM, CAUGHEY DE, MERCER CJ, SCOTT PJ *BR HEART J* 39: 786-90, AUG 74 ENG

SCRIBA PC

GROUP EXPERIMENTS ON THE RADIOIMMUNOLOGICAL INSULIN DETERMINATION. MARSCHNER I, BOTTERMANN P, ERHARDT F, LINKE R, LOFFLER G, MAIER V, SCHWANDT P, VOGT W, SCRIBA PC *HORM METAB RES* 6: 293-6, JUL 74 ENG

SEEDS AE

PREVENTION AND CORRECTION OF FETAL ACIDOSIS AND HYPOXIA. SEEDS AE, ESCARCENA L *CLIN OBSTET GYNECOL* 17: 115-34, SEP 74 ENG [24]

ACIDOSIS (prevention & control, diagnosis); AMNIOTIC FLUID (analysis); ANOXIA (prevention & control, diagnosis); BICARBONATES (therapeutic use); BIRTH WEIGHT; CARBON DIOXIDE (blood); ESTRIOLE (urine, blood); FEMALE; FETAL DISEASES (prevention & control, diagnosis); FETAL HEART; FETUS (growth & development); HEART RATE; HUMAN; HYDROGEN-ION CONCENTRATION; LABOR; MATERNAL-FETAL EXCHANGE; MECONIUM (analysis); MUSCLE CONTRACTION (drug effects); OXYGEN CONSUMPTION; OXYGEN INHALATION THERAPY; OXYGEN (blood); OXYTOCIN (pharmacodynamics); PREGNANCY IN DIABETES (urine); PREGNANCY; REVIEW; SCALP (blood supply); ULTRASONICS (diagnostic use); UTERUS (drug effects, physiology).

SEETHARAM BHAT K

SEETHARAM BHAT K

HUMAN CATARACT AND GALACTOSE METABOLISM. SEETHARAM BHAT K, GOPALAN C *NUTR METAB* 17: 1-8, 1974 ENG

ADULT; AGED; BLOOD SUGAR (metabolism); CARBON RADIOISOTOPES; CATARACT (metabolism, enzymology); ERYTHROCYTES (enzymology, metabolism); FAD (pharmacodynamics); FEMALE; GALACTOSE (metabolism, diagnostic use); GLUCOSEPHOSPHATES; GLUTATHIONE REDUCTASE (blood); GLYCOSURIA; HUMAN; MALE; MIDDLE AGE; NUCLEOTIDYLTRANSFERASES; PHOSPHOTRANSFERASES, ATP (blood); RIBOFLAVIN DEFICIENCY (metabolism, drug therapy); RIBOFLAVIN (therapeutic use); URACIL NUCLEOTIDES.

SEGAL M

THE ACTION OF NOREPINEPHRINE IN THE RAT HIPPOCAMPUS. II. ACTIVATION OF THE INPUT PATHWAY. SEGAL M, BLOOM FE *BRAIN RES* 72: 99-114, 31 MAY 74 ENG

ACTION POTENTIALS (drug effects); ADENOSINE CYCLIC 3,5 MONOPHOSPHATE (pharmacodynamics); ALKALOIDS (pharmacodynamics); AMINO BUTYRIC ACID (pharmacodynamics); ANILIDES (pharmacodynamics); ANIMAL EXPERIMENTS; CEREBRAL VENTRICLES (physiology); DESIPRAMINE (pharmacodynamics); DIOXOLES (pharmacodynamics); DOPA (pharmacodynamics); ELECTRIC STIMULATION; EVOKED POTENTIALS; HIPPOCAMPUS (drug effects); HYDROXYDOPAMINE (pharmacodynamics); IONTOPHORESIS; ISOQUINOLINES (pharmacodynamics); MALE; METHYLTYROSINES (pharmacodynamics); NEURAL INHIBITION (drug effects); NEURAL INTERCONNECTIONS (drug effects); NEURAL TRANSMISSION (drug effects); NOREPINEPHRINE (antagonists & inhibitors, pharmacodynamics); PROSTAGLANDINS (pharmacodynamics); RATS; RESERPINE (pharmacodynamics).

SEGUIN G

[PROLONGED TREATMENT OF SEVERE HYPOGLYCEMIA WITH DIAZOXIDE] SARIC R, MOREAU F, SEGUIN G, COHEN E, MERLET M, LORIN JC *SEMN HOP PARIS* 50: 1497-503, 8 MAY 74 FRE

SEIDMAN JM

VITAL CAPACITY AND CONGESTIVE HEART FAILURE. THE FRAMINGHAM STUDY. KANNEL WB, SEIDMAN JM, FERCHO W, CASTELLI WP *CIRCULATION* 49: 1160-6, JUN 74 ENG

SEILER D

[BIOCHEMICAL STUDIES OF GLYCOGEN METABOLISM OF HUMAN BLOOD LYMPHOCYTES] SEILER D, KELLETER R *VERH DTSCH GES INN MED* 79: 536-8, 1973 GER

GLUCOSIDASE (blood); GLYCOGEN (metabolism); GLYCOGEN PHOSPHORYLASE (blood); GLYCOGEN SYNTHETASE (blood); LYMPHOCYTES (enzymology, metabolism).

SELSTAM G

EFFECT OF HUMAN MENOPAUSAL GONADOTROPHIN ON AMINO ACID TRANSPORT IN THE PREPUBERTAL RAT OVARY. SELSTAM G, NILSSON L *ACTA PHYSIOL SCAND* 90: 798-800, APR 74 ENG

AMINO ACIDS (metabolism); ANIMAL EXPERIMENTS; CARBON RADIOISOTOPES; FEMALE; FSH (pharmacodynamics); HYPOPHYSECTOMY; LACTATES (metabolism); MENOTROPINS (pharmacodynamics); OVARY (metabolism, drug effects); PITUITARY GLAND (physiology); RATS; SHEEP; STIMULATION, CHEMICAL.

SEMMENS JM

LETTER: CHLORODYNE DEPENDENCE. SEMMENS JM *BR MED J* 2: 277, 4 MAY 74 ENG

BLOOD SUGAR (analysis); CHLOROFORM (adverse effects); CHLORPROMAZINE (therapeutic use); DRUG COMBINATIONS; DRUG WITHDRAWAL SYMPTOMS; FEMALE; HUMAN; INFANT, NEWBORN; INFANT, NEWBORN, DISEASES (chemically induced); MATERNAL-FETAL EXCHANGE; MORPHINE (adverse effects); OPIUM (adverse effects).

SENER A

THE STIMULUS-SECRETION COUPLING OF GLUCOSE-INDUCED INSULIN RELEASE. SORBITOL METABOLISM IN ISOLATED ISLETS. MALAISSE WJ, SENER A, MAHY M *EUR J BIOCHEM* 47: 365-70, 1 SEP 74 ENG

SER I

DIAGNOSTIC VALUE OF THE PAS-POSITIVE LYMPHOCYTE INDEX IN DIABETES. SER I, CZITRON B *ISR J MED SCI* 10: 486-9, MAY 74 ENG

ADULT; BLOOD CELL COUNT; BLOOD SUGAR; CHILD; DIABETES MELLITUS (diagnosis, blood, enzymology); DIABETES MELLITUS, JUVENILE (diagnosis, blood); GLUCOSE TOLERANCE TEST; GLUCOSEPHOSPHATE DEHYDROGENASE (blood); GLUCOSEPHOSPHATES (blood); GLYCOGEN (blood); HUMAN; LYMPHOCYTES (analysis); MIDDLE AGE; PERIODIC ACIDS (diagnostic use); PHOSPHOGLUCONATE DEHYDROGENASE (blood); STAINS AND STAINING.

SERPEAU P

[SOMATOMAMMOTROPIC CHORIONIC HORMONE AND GLYCO-REGULATION] TESCHER M, MORIN P, GUERIS J, TECHENET J, SERPEAU P, PAOLAGGI F *SEMN HOP PARIS* 50: 1327-32, 26 APR 74 FRE

SESTANJ K

SYNTHESIS OF SOMATOSTATIN. IMMER HU, SESTANJ K, NELSON VR, GOTZ M *HELV CHIM ACTA* 57: 730-4, 27 APR 74 ENG

SHEEHY TW

APATHETIC THYROTOXICOSIS CAUSING GASTROINTESTINAL MALABSORPTION. SHEEHY TW, ALLISON TM *JAMA* 230: 69-71, 7 OCT 74 ENG

DIABETES MELLITUS (complications, drug therapy); DIAGNOSIS, DIFFERENTIAL; DIARRHEA (etiology); FEMALE; GASTROINTESTINAL MOTILITY; HUMAN; HYPERTHYROIDISM (complications, diagnosis, diet therapy); INSULIN (therapeutic use); INTESTINAL ABSORPTION; MALABSORPTION SYNDROMES (etiology); MIDDLE AGE; SPRUE (etiology); THYROID GLAND FUNCTION TESTS.

SHEPPY F

FORMATION OF A NOVEL NUCLEOTIDE BY FAT CELL PREPARATIONS CONTAINING ADENYLATE CYCLASE. PETRACK B, MA D, SHEPPY F *J BIOL CHEM* 249: 3661-3, 10 JUN 74 ENG

SHERMAN L

DIABETIC CARDIOMYOPATHY. HAMBY RI, ZONERAICH S, SHERMAN L *JAMA* 229: 1749-54, 23 SEP 74 ENG

SHICHIRI M

ENTERAL ABSORPTION OF WATER-IN-OIL-IN-WATER INSULIN EMULSIONS IN RABBITS. SHICHIRI M, SHIMIZU Y, YOSHIDA Y, KAWAMORI R, FUKUCHI M, SHIGETA Y, ABE H *DIABETOLOGIA* 10: 317-21, AUG 74 ENG

ADMINISTRATION, ORAL; ANIMAL EXPERIMENTS; EMULSIONS; HYPOGLYCEMIA

(chemically induced); INSULIN (metabolism, administration & dosage, blood); INTESTINAL ABSORPTION; INTESTINES (metabolism); JEJUNUM (metabolism); LIPASE; MALE; OILS; PANCREAS (enzymology); PEPTIDE HYDROLASES; RABBITS; STOMACH; WATER.

SHIELDS R

EFFECT OF CYCLIC NUCLEOTIDES ON THE INDUCTION OF ORNITHINE DECARBOXYLASE IN BHK CELLS BY SERUM AND INSULIN. HOGAN B, SHIELDS R, CURTIS D *CELL* 2: 229-33, AUG 74 ENG

SHIGETA Y

ENTERAL ABSORPTION OF WATER-IN-OIL-IN-WATER INSULIN EMULSIONS IN RABBITS. SHICHIRI M, SHIMIZU Y, YOSHIDA Y, KAWAMORI R, FUKUCHI M, SHIGETA Y, ABE H *DIABETOLOGIA* 10: 317-21, AUG 74 ENG

SHIMIZU Y

ENTERAL ABSORPTION OF WATER-IN-OIL-IN-WATER INSULIN EMULSIONS IN RABBITS. SHICHIRI M, SHIMIZU Y, YOSHIDA Y, KAWAMORI R, FUKUCHI M, SHIGETA Y, ABE H *DIABETOLOGIA* 10: 317-21, AUG 74 ENG

SHOHEI SB

PERMEABILITY CHANGES INDUCED BY PEROXIDATION IN LIPOSOMES PREPARED FROM HUMAN ERYTHROCYTE LIPIDS. SMOLEN JE, SHOHEI SB *J LIPID RES* 15: 273-80, MAY 74 ENG

SHPIGELGLIAS AS

[EARLY DIABETES MELLITUS CASE-FINDING AND ORGANIZATION OF DIABETOLOGICAL CARE AT RAILROAD STATIONS] VASUKOVA EA, SHPIGELGLIAS AS *SOV MED O*: 120-3, SEP 74 RUS

SHUSTOVA VN

[HUMAN ELECTROLYTE BALANCE DURING A 10-DAY EXPOSURE IN AN ENVIRONMENT WITH A CONSTANT TEMPERATURE OF 40 DEGREES] VIROVETS OA, KISELEV RK, LAFSHINA NA, AZHEVSKII PA, SHUSTOVA VN *KOSM BIOL AVIAKOSM MED* 8: 64-8, MAY-JUN 74 RUS

SIEBER P

BIOLOGICAL ACTIVITY OF SYNTHETIC HUMAN CORTICOTROPIN WITH REVISED AMINO ACID SEQUENCE. SCHENKEL-HULLIGER L, MAIER R, BARTHE PL, DESAULLES PA, JARRET A, RINIKER B, RITTEL W, SIEBER P *ACTA ENDOCRINOL (KBH)* 75: 24-32, JAN 74 ENG

SIEGMUND P

THE CYCLIC AMP-MEDIATED ACTION OF EPINEPHRINE ON THE ACTIVITY OF CARBONIC ANHYDRASE IN AVIAN ERYTHROCYTES. SIEGMUND P, TULLMANN A, HOLKE M *HORM METAB RES* 6: 158-61, MAR 74 ENG

ADENOSINE CYCLIC 3,5 MONOPHOSPHATE (pharmacodynamics); ADENOSINE TRIPHOSPHATE (pharmacodynamics); ANIMAL EXPERIMENTS; CARBONIC ANHYDRASE (blood); CHICKENS; COMPARATIVE STUDY; DIBUTYRYL CYCLIC AMP (pharmacodynamics); ENZYME ACTIVATION; EPINEPHRINE (pharmacodynamics); ERYTHROCYTES (drug effects, enzymology); FLUORIDES (pharmacodynamics); HEMOLYSIS; SPECTROPHOTOMETRY; TIME FACTORS.

SIERADZKI J

[LABORATORY DIAGNOSTIC TESTS OF EARLY PERIOD OF DIABETES] SIERADZKI J *PRZGL LK* 31: SUPPL070-4, 1974 POL

BLOOD SUGAR (analysis); DIABETES MELLITUS (diagnosis, blood); GLUCOSE TOLERANCE TEST; HUMAN; INSULIN (blood, secretion); METHODS; TIME FACTORS; TOLBUTAMIDE (diagnostic use).

SIESJO BK

CEREBRAL METABOLIC STATE FOLLOWING COMPLETE COMPRESSION ISCHEMIA. LJUNGGREN B, RATCHESON RA, SIESJO BK *BRAIN RES* 73: 291-307, 20 JUN 74 ENG

SIEST G

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[BLOOD GLUCOSE AND INSULIN CURVES IN POSTGASTRECTOMY SYNDROME ASSOCIATED WITH LIVER CIRRHOSIS] SMOCZYNSKI M, MICHALIK T *WIAD LEK* 27: 1509-12, 15 SEP 74 POL

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PERMEABILITY CHANGES INDUCED BY PEROXIDATION IN LIPOSOMES PREPARED FROM HUMAN ERYTHROCYTE LIPIDS. SMOLEN JE, SHOHET SB *J LIPID RES* 15: 273-80, MAY 74 ENG

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AMMONIA TOXICITY IN SHEEP. SOAR JB, BUTTERY PJ, LEWIS D *PROC NUTR SOC* 32: 77A-78A, SEP 73 ENG

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SOELDNER JS

A NON-EDITORIAL ON NON-HYPOGLYCEMIA. CAHILL GF JR, SOELDNER JS *N ENGL J MED* 291: 905-6, 24 OCT 74 ENG

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DEPARTMENT OF HEALTH AND SOCIAL SECURITY. REPORTS ON PUBLIC HEALTH AND MEDICAL SUBJECTS. NO. 128. THE INCIDENCE AND CAUSES OF BLINDNESS IN ENGLAND AND WALES 1963-68. WITH AN APPENDIX ON SERVICES AVAILABLE FOR IMPAIRED BLINDNESS. SORSBY A *REP PUBLIC HEALTH MED SUBJ (LOND)* 0: 1-72, 1972 ENG

ADOLESCENCE; ADULT; AGE FACTORS; AMBLYOPIA (complications); BLINDNESS (occurrence, etiology, congenital, diagnosis, familial & genetic); CHILD; CHILD, PRESCHOOL; DIABETIC RETINOPATHY (complications); ENGLAND; EYE INJURIES (complications); FEMALE; HUMAN; INFANT; LONDON; MALE; MIDDLE AGE; OCCUPATIONS; OPTIC ATROPHY (complications); PERIODICITY; SEX FACTORS; SOCIAL WELFARE; STATISTICS; WALES.

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[GLUCAGON AND RENAL FUNCTION] SQUADRITO G, CERUSO D, FRISINA N, DANDREA-PETRELLI L, BELLINGHERI G *BOLL SOC ITAL BIOL SPER* 49: 1296-302, 30 NOV 73 ITA

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SRAMKOVA J

[GLYCEMIA, INSULINEMIA AND CONCENTRATION OF UNESTERIFIED FATTY ACIDS IN THE PLASMA IN THE GLUCOSE TOLERANCE TEST WITH 50 AND 100 G GLUCOSE (AUTHORS TRANSL)] PAV J, SRAMKOVA J *CAS LEK CESK* 113: 947-52, 2 AUG 74 CZE

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DIET, ATHEROGENIC; ESTERS; FATTY
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STANAWAY RG

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POLYACRYLAMIDE GEL; GEL FILTRATION;
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NONESTERIFIED (metabolism); GEL FILTRA-
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LETTER: RAPID GLUCAGON RELEASE IN ARTIFICIAL FEVER. THORNER MO, BLOOM SR *LANCET* 2: 654, 14 SEP 74 ENG
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[SUBCELLULAR DISTRIBUTION OF PROTEIN KINASES STIMULATED BY CYCLIC AMP AND CYCLIC AMP RECEPTOR PROTEINS IN THE SWINE THYROID] ROQUES M, TIRARD A, TORRESANI J *BIOCHIMIE* 55: 1421-30, 1973 FRE

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ADENOSINE MONOPHOSPHATE (pharmacodynamics); ALLOSTERIC REGULATION; ANIMAL EXPERIMENTS; BENZOATES; BINDING SITES; HEXOSE DIPHOSPHATASE (antagonists & inhibitors); KINETICS; MAGNESIUM (pharmacodynamics); MANGANESE (pharmacodynamics); MOLECULAR WEIGHT; MUSCLES (enzymology); NITRO COMPOUNDS; PROTEIN BINDING; PROTEIN CONFORMATION; RABBITS; SPECTROPHOTOMETRY, ULTRAVIOLET; SULFHYDRYL COMPOUNDS (analysis); TIME FACTORS.

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RY (complications); FEMALE; FSH (deficiency); HUMAN; HYPOPHYSITIS (complications, drug therapy); HYPOTHALAMIC HYPOPHYSITIS (physiopathology); INSULIN (therapeutic use); LEVODOPA (therapeutic use); LH (deficiency); LH-FSH RELEASING HORMONE (therapeutic use); PITUITARY GLAND FUNCTION TESTS; PITUITARY GLAND (secretion); PITUITARY HORMONES (deficiency); PROLACTIN (deficiency); SOMATOTROPIN (deficiency); THYROTROPIN RELEASING HORMONE (therapeutic use); THYROTROPIN (deficiency); VASOPRESSIN (deficiency).

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DIABETES, ENDOCRINE AND STREPTOZOTOCIN IN THE TREATMENT OF MALIGNANT BETA CYTOMA. TOLLOCHKO T, WASIUTYNSKI A *ACTA MED POL* 15: 69-77, 1974 ENG

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TORRESANI J

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talities); DIABETES MELLITUS (complications, mortality); FEMALE; FOLLOW-UP STUDIES; HOSPITALS, COMMUNITY; HUMAN; HYPERTENSION (complications, mortality); MALE; MIDDLE AGE; NORTH CAROLINA; QUALITY OF HEALTH CARE; REHABILITATION (methods); TIME FACTORS.

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THE CYCLIC AMP-MEDIATED ACTION OF EPINEPHRINE ON THE ACTIVITY OF CARBONIC ANHYDRASE IN AVIAN ERYTHROCYTES. SIEGMUND P, TULLMANN A, HOLKE M *HORM METAB RES* 6: 158-61, MAR 74 ENG

TULLOCH BR

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TURTON MB

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TURZHANSKAIA GM

[RARE CASE OF ASSOCIATION OF DIABETES MELLITUS AND DIABETES INSIPIDUS] SALII AP, TURZHANSKAIA GM *VRACH DELO* 0: 76-7, AUG 74 RUS

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UNGER RH

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PLASMA GLUCAGON IN NONKETOTIC HYPEROSMOLAR COMA. LINDSEY CA, FALOONA GR, UNGER RH *JAMA* 229: 1771-3, 23 SEP 74 ENG

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UTEKHIN VI

PROTEIN SYNTHESIS IN CELLS OF VARIOUS PARTS OF THE EXOCRINE EPITHELIUM OF THE RAT PANCREAS. UTEKHIN VI *BULL EXP BIOL MED* 77: 281-3, SEP 74 ENG

ANIMAL EXPERIMENTS; AUTORADIOGRAPHY; EPITHELIAL CELLS (metabolism); ISLANDS OF LANGERHANS (metabolism); MALE; METHIONINE (metabolism); PANCREAS (metabolism, cytology); PROTEINS (biosynthesis); RATS; STAINS AND STAINING; SULFUR RADIOISOTOPES.

UTHNE K

EFFECTS OF HUMAN SOMATOMEDIN PREPARATIONS ON MEMBRANE TRANSPORT AND PROTEIN SYNTHESIS IN THE ISOLATED RAT DIAPHRAGM. UTHNE K, REAGAN CR, GIMPEL LP, KOSTYO JL *J CLIN ENDOCRINOL METAB* 39: 548-54, SEP 74 ENG

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[INSULIN SECRETION IN THE CLINICAL STAGES OF DIABETES (WITH GLUCOSE TOLERANCE TEST ABNORMALITIES)] VAGUE P, VAGUE J *JOURN ANNU DIABETOL HOTEL DIEU* 13: 55-65, 1972 FRE [45]

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VAHERI A

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ADULT; COMPARATIVE STUDY; DIABETES MELLITUS (complications); FEMALE; HUMAN; INDIA; PYELONEPHRITIS (occurrence); SEX FACTORS; URINARY TRACT INFECTIONS (occurrence).

VAJDA FJ

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VALENTINE P

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WALKER JR

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WASIUTYNSKI A

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WELLS CA

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YOUNG F

SERUM LIPIDS OF YOUNG SHOW RACER AND WHITE CARNEAU PIGEONS FED A SEMIPURIFIED DIET WITH OR WITHOUT CHOLESTEROL. YOUNG F *J NUTR* 104: 719-25, JUN 74 ENG

AGE FACTORS; ANIMAL EXPERIMENTS; ANIMAL NUTRITION; AORTIC DISEASES (blood, chemically induced, etiology); ARTERIOSCLEROSIS (blood, chemically induced, etiology); CHOLESTEROL (blood); CHOLESTEROL, DIETARY (adverse effects); DIET; ATHEROGENIC; GENETICS; HYPERCHOLESTEREMIA (chemically induced, complications); LIPIDS (blood); PHOSPHOLIPIDS (blood); PIGEONS (metabolism); SPECIES SPECIFICITY; TIME FACTORS; TRIGLYCERIDES (blood).

YOUNG M

AN EPIDEMIOLOGIC STUDY OF BREAST CANCER. HENDERSON BE, POWELL D, ROSARIO I, KEYS C, HANISCH R, YOUNG M, CASAGRANDE J, GERKINS V, PIKE MC *J NATL CANCER INST* 53: 609-14, SEP 74 ENG

YOUNG RT

NON-HYPOGLYCEMIA IS AN EPIDEMIC CONDITION. YAGER J, YOUNG RT *N ENGL J MED* 291: 907-8, 24 OCT 74 ENG

YOUNG RW

RENEWAL OF FATTY ACIDS IN THE MEMBRANES OF VISUAL CELL OUTER SEGMENTS. BIBB C, YOUNG RW *J CELL BIOL* 61: 327-43, MAY 74 ENG

YUDKIN J

LETTER: DIETARY CARBOHYDRATE AND SERUM-CHOLESTEROL. YUDKIN J *LANCET* 1: 1007, 18 MAY 74 ENG

ANIMAL EXPERIMENTS; CHOLESTEROL (blood); DIET; DIETARY CARBOHYDRATES (administration & dosage, adverse effects); HUMAN; MICE; RATS; SUCROSE (administration & dosage, pharmacodynamics).

YUE KT

ADENOSINE DIPHOSPHATE-INDUCED PLATELET AGGREGATION OF HOSPITALIZED MEN. DAVIS JW, YUE KT, PHILLIPS PE, MCFIELD JR *SCAND J HAEMATOL* 13: 17-23, 1974 ENG

ZAAR B

OXYGEN AFFINITY OF WHOLE BLOOD IN VIVO AND UNDER STANDARD CONDITIONS IN SUBJECTS WITH DIABETES MELLITUS. ARTURSON G, GARBY L, ROBERT M, ZAAR B *SCAND J CLIN LAB INVEST* 34: 19-22, SEP 74 ENG

ZAHLTEN RN

THE ISOLATION OF HORMONE-SENSITIVE RAT HEPATOCYTES BY A MODIFIED ENZYMATIC TECHNIQUE. ZAHLTEN RN, STRATMAN FW *ARCH BIOCHEM BIOPHYS* 163: 600-8, AUG 74 ENG

ANIMAL EXPERIMENTS; CALCIUM (pharmacodynamics); CATTLE; COMPARATIVE STUDY; EVALUATION STUDIES; GELATIN (pharmacodynamics); GLUCAGON (pharmacodynamics); GLUCONEOGENESIS; GLUCOSE (biosynthesis); IN VITRO; KINETICS; LACTATES (metabolism); LIVER (ultrastructure, drug effects, metabolism); MALE; METHODS; MICROSCOPY; ELECTRON; SCANNING; RATS; SERUM ALBUMIN; BOVINE (pharmacodynamics); TIME FACTORS.

ZAHND GR

[GROWTH HORMONE SECRETION AND DIABETIC SYNDROMES] ZAHND GR, NADEAU A, MUHLENDAHL KE *VON JOURN ANNU DIABETOL HOTEL DIEU* 13: 135-51, 1972 FRE [83]

BLOOD SUGAR (metabolism); CORTICOTROPIN (pharmacodynamics); DIABETES MELLITUS (metabolism); GLUCOSE TOLERANCE TEST; GLYCOSURIA; HUMAN; HYPERGLYCEMIA; HYPERPITUITARISM (metabolism); HYPOGLYCEMIA (chemically induced); INFANT NUTRITION DISORDERS (metabolism); INSULIN (administration & dosage); MSH (pharmacodynamics); REVIEW; SECRETORY RATE (drug effects); SOMATOTROPIN (metabolism, secretion, blood).

[PROCEEDINGS: FORMATION OF ANTI-INSULIN ANTIBODIES IGG IN DIABETIC PATIENTS TREATED WITH CONVENTIONAL INSULIN MONOCOMPOSED OR MONOSPECIFIC] WEBER HU, SOURISSEAU D, ZAHND GR *HELV MED ACTA* 37: 367, MAY 1974 FRE

ZAMBONI R

STEREOTACTIC PITUITARY IMPLANTATION OF RADIOISOTOPES BY TRANSFRONTAL ROUTE. 300 CASES. POBLETE M, ZAMBONI R *ACTA NEUROCHIR (WIEN)* 21: 159-63, 1974 ENG

ZEENAT-UN-NISA

CONTRIBUTION OF BLOOD PHOSPHATE ESTERS TO THE BLOOD SACCHAROID FRACTION OF RATS WITH ALLOXAN-INDUCED DIABETES OR TREATED WITH INSULIN OR EPINEPHRINE. ZEENAT-UN-NISA, RAHMAN MA *CLIN CHEM* 20: 1165-72, SEP 74 ENG

ALLOXAN DIABETES (blood); ANIMAL EXPERIMENTS; ASCORBIC ACID (blood); BLOOD SUGAR (metabolism); CREATININE (blood); EPINEPHRINE (pharmacodynamics); ERYTHROCYTES (analysis, drug effects); ESTERS; FRUCTOSEPHOSPHATES (blood); GLUCURONATES (blood); GLUTATHIONE (blood); INSULIN (pharmacodynamics); MALE; PHOSPHATES (blood); PLASMA; RATS; URIC ACID (blood).

ZERMATTEN A

SENSITIVITY TO GLUCOSE OF AN INTESTINAL FACTOR STIMULATING INSULIN RELEASE. ZERMATTEN A, FELBER JP *HORM METAB RES* 6: 272-4, JUL 74 ENG

ANIMAL EXPERIMENTS; CATHETERIZATION; COMPARATIVE STUDY; DUODENUM; FASTING; GLUCOSE (pharmacodynamics); IMMUNOASSAY; INSULIN ANTIBODIES; INSULIN (secretion, blood); INTESTINAL MUCOSA; ISLANDS OF LANGERHANS (drug effects, secretion); MALE; PRECIPITIN TESTS; RATS; TIME FACTORS; TISSUE EXTRACTS (pharmacodynamics).

ZERVAS NT

STEREOTAXIC THERMAL PITUITARY ABLATION. ZERVAS NT, HAMLIN H *ACTA NEUROCHIR (WIEN)* 21: 165-8, 1974 ENG

ACROMEGALY (surgery); BREAST NEOPLASMS (therapy); CEREBROSPINAL RHINORRHEA (etiology); DIABETIC RETINOPATHY (therapy); ELECTROSURGERY (methods, adverse effects); FEMALE; HEAT (therapeutic use); HUMAN; HYPOPHYSCTOMY (methods, adverse effects); MALE; MENINGIIS; POSTOPERATIVE COMPLICATIONS; PROSTATIC NEOPLASMS (therapy); STEREOTAXIC TECHNIQS; TIME FACTORS; VISION DISORDERS (etiology).

ZIC Z

KIDNEY SIZE IN DIABETES MELLITUS. KAHN CB, RAMAN PG, ZIC Z *DIABETES* 23: 788-92, SEP 74 ENG

ZIMMER H

AMPUTATIONS OF THE LOWER EXTREMITY: A STUDY OF 194 CASES. KERSTEN MD, ZIMMER H, DUGDALE FE, LERNER E *ARCH PHYS MED REHABIL* 55: 454-9, OCT 74 ENG

ZIMMERMANN-TELSCHOW H

MECHANISM OF RENATURATION OF PYRUVATE KINASE OF SACCHAROMYCES CARLSBERGENSIS: ACTIVATION BY L-VALINE AND MAGNESIUM AND MANGANESE IONS. BORNHANN L, HESS B, ZIMMERMANN-TELSCHOW H *PROC NATL ACAD SCI USA* 71: 1525-9, APR 74 ENG

ZINK MW

MECHANISM OF REGULATION OF THE MALIC ENZYME FROM FUSARIUM. ZINK MW *CAN J MICROBIOL* 20: 443-54, APR 74 ENG

ASPARTIC ACID (pharmacodynamics); CELL-FREE SYSTEM; DECARBOXYLATION; FRUCTOSEPHOSPHATES (pharmacodynamics); FUSARIUM (enzymology); GLUCONATES (pharmacodynamics); GLYCEROPHOSPHATES (pharmacodynamics); HYDROGEN-ION CONCENTRATION; MALATE DEHYDROGENASE (metabolism); MALATES (metabolism, pharmacodynamics); MERCAPTOETHANOL (pharmacodynamics); NADP (metabolism); OXALOACETATES (pharmacodynamics); PHOSPHATES (pharmacodynamics); SUCCINATES; SULFHYDRYL COMPOUNDS (pharmacodynamics).

ZLATEVA M

[AGE-RELATED CHANGES IN THE ENZYME ACTIVITY OF THE AORTIC WALL IN WHITE RATS] ZLATEVA M, ANTOV G *EKSP MED MORFOL* 12: 209-15, 1973 BUL

ADENOSINE TRIPHOSPHATASE (metabolism); AGING; AMINOTRANSFERASES (metabolism); ANIMAL EXPERIMENTS; AORTA (enzymology); ENGLISH ABSTRACT; GLYCOLYSIS; HISTOCYTOCHEMISTRY; LACTATE DEHYDROGENASE (metabolism); OXIDATIVE PHOSPHORYLATION; RATS.

ZONERAICH S

DIABETIC CARDIOMYOPATHY. HAMBY RI, ZONERAICH S, SHERMAN L *JAMA* 229: 1749-54, 23 SEP 74 ENG

ANONYMOUS

[DIAMICRON] Anonymous *JOURN ANNU DIABETOL HOTEL DIEU* 13: 343-9, 1972 FRE

ANIMAL EXPERIMENTS; ANTIDIABETICS (therapeutic use, pharmacodynamics); BLOOD COAGULATION (drug effects); BLOOD SUGAR (metabolism); CYCLOPENTANE (therapeutic use, pharmacodynamics); DIABETES MELLITUS (drug therapy); HUMAN; PYRROLES (therapeutic use, pharmacodynamics); RATS; SULFONYLUREA COMPOUNDS (therapeutic use, pharmacodynamics); VASOMOTOR SYSTEM (drug effects).

[DIFFERENCES BETWEEN 2 ANTIDIABETIC BIGUANIDES: METFORMIN AND PHENFORMIN] Anonymous *JOURN ANNU DIABETOL HOTEL DIEU* 13: 332-9, 1972 FRE [61]

ANIMAL EXPERIMENTS; CHEMISTRY; DIABETES MELLITUS (drug therapy); FATTY ACIDS (metabolism); HUMAN; INSULIN (secretion); LACTATES (blood); LIPIDS (metabolism); LIVER (metabolism); METFORMIN (metabolism, therapeutic use); OXYGEN CONSUMPTION (drug effects); PHENFORMIN (metabolism, therapeutic use); REVIEW.

[ETIOLOGIC FACTORS OF DIABETIC MICROANGIOPATHY] Anonymous *JOURN ANNU DIABETOL HOTEL DIEU* 13: 350-4, 1972 FRE

BLOOD COAGULATION DISORDERS (complications); CAPILLARIES; CAPILLARY

FRAGILITY; CAPILLARY PERMEABILITY; DIABETIC ANGIOPATHIES (etiology, metabolism, familial & genetic); HUMAN; HYPERTHURITARISM (complications); INSULIN (secretion); METABOLIC DISEASES (complications); MICROCIRCULATION; TIME FACTORS; VASCULAR DISEASES (complications).

[NEPHROLOGY, HYPERTENSION. REPORT ON THE 80TH MEETING OF THE GERMAN SOCIETY FOR INTERNAL MEDICINE. WIESBADEN APR 21-25, 1974] Anonymous *Z KARDIOL* 63: 850-1, APR 74 GER

ANIMAL EXPERIMENTS; CATS; DIABETES MELLITUS (complications); FSH (metabolism); HEMODIALYSIS; HUMAN; HYPERLIPIDEMIA (complications); HYPERTENSION (etiology); KIDNEY FAILURE, CHRONIC (therapy, metabolism); LH (metabolism); LIPOPROTEINS (blood); PORPHYRINS (metabolism); RENAL OSTEODYSSTROPHY (metabolism); TESTOSTERONE (metabolism).

[THE FOLLOWING OF A DIABETIC PATIENT TREATED BY EUGLUCAN] Anonymous *JOURN ANNU DIABETOL HOTEL DIEU* 13: 340-2, 1972 FRE

BLOOD SUGAR (metabolism); DIABETES MELLITUS (drug therapy, diagnosis); FOLLOW-UP STUDIES; GLIBENCLAMIDE (therapeutic use); GLYCOSURIA; HUMAN.

[THE TREATMENT OF DIABETIC ARTERITIS OF THE LOWER LIMBS BY TRIVASTAL] Anonymous *JOURN ANNU DIABETOL HOTEL DIEU* 13: 326-31, 1972 FRE

DIABETIC ANGIOPATHIES (drug therapy); DIOXOLES (therapeutic use); DRUG EVALUATION; HUMAN; LEG (blood supply); PIPERAZINES (therapeutic use); PYRIMIDINES (therapeutic use); VASODILATOR AGENTS (therapeutic use).

ASYMPTOMATIC BACTERIURIA IN DIABETICS. Anonymous *J ASSOC PHYSICIANS INDIA* 22: 351-2, APR 74 ENG

BACTERIURIA (etiology); DIABETES MELLITUS (complications); HUMAN; URINARY TRACT INFECTIONS (etiology).

DIETARY MODULATION OF BETA CELL ADENYLATE CYCLASE ACTIVITY. Anonymous *NUTR REV* 32: 281-3, SEP 74 ENG [13]

ADENOSINE CYCLIC 3,5 MONOPHOSPHATE (metabolism); ADENYL CYCLASE (metabolism); ANIMAL EXPERIMENTS; ANIMAL NUTRITION; DIET; DIETARY CARBOHYDRATES; FEMALE; GLUCOSE (pharmacodynamics); HUMAN; INSULIN (secretion); ISLANDS OF LANGERHANS (enzymology, secretion); PHOSPHODIESTERASES (metabolism); RATS; REVIEW; STARVATION (enzymology); THEOPHYLLINE (pharmacodynamics).

LETTER: CORRECT DOSAGE OF INSULIN. Anonymous *MED J AUST* 2: 74-5, 13 JUL 74 ENG

INSULIN (administration & dosage); METRIC SYSTEM; SYRINGES (standards).

LIPOLYSIS, AGING, AND HORMONES. Anonymous *NUTR REV* 32: 312-3, OCT 74 ENG [14]

ADENOSINE CYCLIC 3,5 MONOPHOSPHATE (metabolism); ADENOSINE TRIPHOSPHATE (metabolism); ADIPOSE TISSUE (metabolism, cytology, drug effects); AGE FACTORS; AGING; ANIMAL EXPERIMENTS; CATECHOLAMINES (pharmacodynamics, administration & dosage); DOSE-RESPONSE RELATIONSHIP, DRUG; EPIDIDYMIS; FATTY ACIDS, NONESTERIFIED (metabolism); INSULIN (pharmacodynamics, administration & dosage);

LIPIDS (metabolism); MALE; OBESITY (metabolism); RATS; REVIEW.

METABOLIC ADAPTATION TO PREGNANCY. Anonymous *NUTR REV* 32: 270-2, SEP 74 ENG [14]

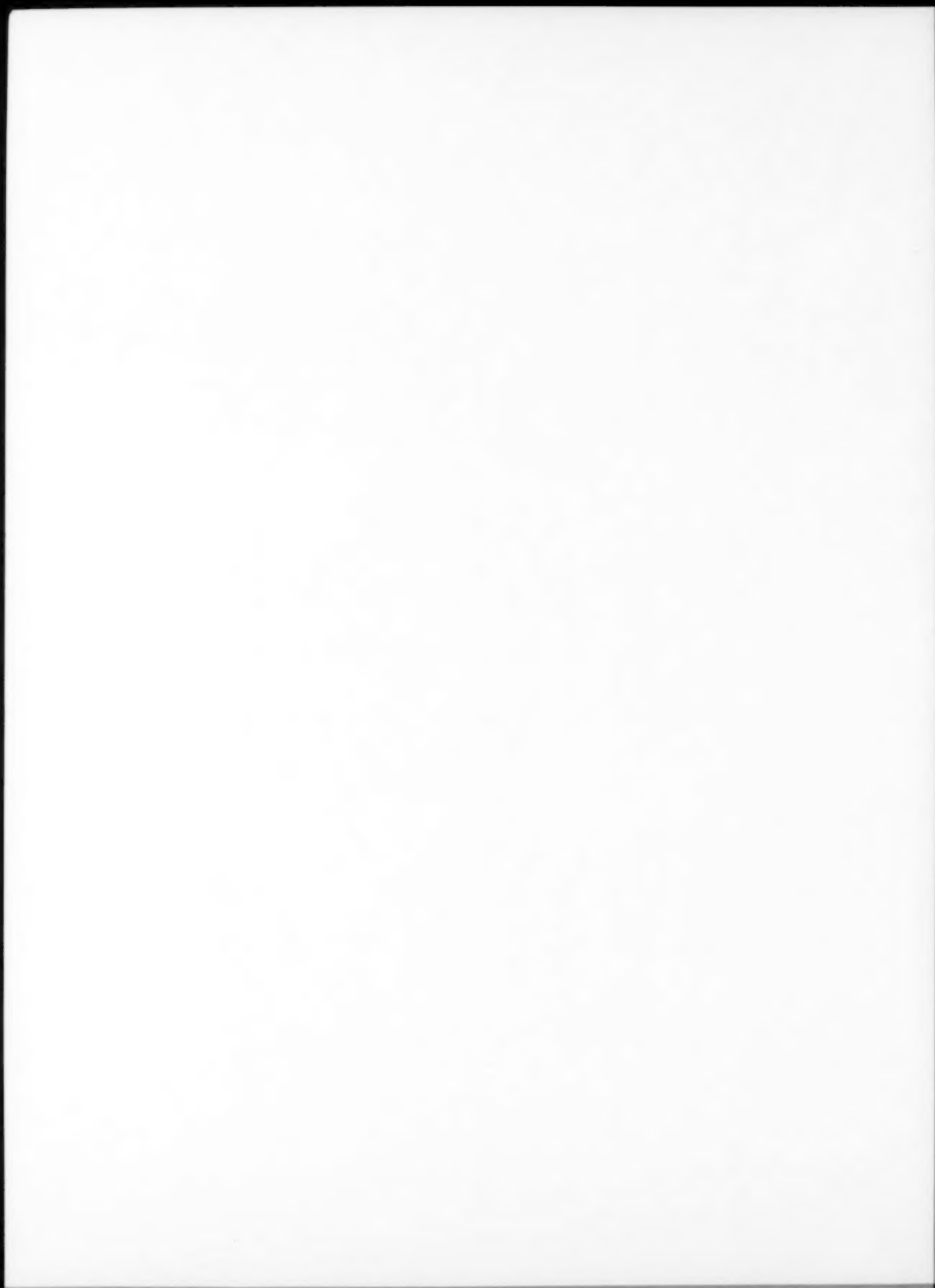
ABORTION, INDUCED; ALANINE (blood); AMNIOTIC FLUID (metabolism); BLOOD SUGAR (metabolism); FATTY ACIDS, NONESTERIFIED (blood); FEMALE; FETUS (metabolism); HUMAN; HYPOGLYCEMIA (etiology); INSULIN (blood); KETONE BODIES (blood); KETOSIS (etiology); MATERNAL-FETAL EXCHANGE; PLACENTAL LACTOGEN (blood); PREGNANCY COMPLICATIONS; PREGNANCY; PREGNANCY, SECOND TRIMESTER; REVIEW; STARVATION (metabolism, complications); TIME FACTORS.

METABOLIC EFFECTS OF GLUCOCORTICIDS IN MAN. Anonymous *NUTR REV* 32: 301-3, OCT 74 ENG [8]

ADOLESCENCE; ADULT; ALANINE (blood, pharmacodynamics); AMINO ACIDS (metabolism); BLOOD SUGAR (metabolism); CORTISONE (pharmacodynamics); CUSHINGS SYNDROME (metabolism); DEXAMETHASONE (pharmacodynamics); DIETARY PROTEINS; GLUCAGON (blood); GLUCOCORTICIDS (pharmacodynamics); GLUCOSE (metabolism); HUMAN; INSULIN (blood); OBESITY (metabolism); REVIEW; STARVATION (metabolism).

PALMITATE AND PROTEIN SYNTHESIS IN CARDIAC MUSCLE. Anonymous *NUTR REV* 32: 310-1, OCT 74 ENG [3]

AMINO ACIDS (metabolism); ANIMAL EXPERIMENTS; DIABETES MELLITUS (metabolism); GLUCOSE (metabolism); INSULIN (metabolism); MUSCLE PROTEINS (biosynthesis); MYOCARDIUM (metabolism); PALMITIC ACID (metabolism); PEPTIDE CHAIN INITIATION; PERFUSION; RATS; REVIEW.





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